

State of California  
The Resources Agency

DEPARTMENT OF WATER RESOURCES  
Division of Operations and Maintenance

# STATE WATER PROJECT OPERATIONS DATA

For the month of:  
**September**  
**2010**

**Edmund G. Brown Jr.**  
Governor  
**State of California**

**John Laird**  
Secretary for Resources  
**The Resources Agency**

**Mark Cowin**  
Director  
**Department of Water Resources**

This monthly report of operational data for the State Water Project has been published since January 1965. Monthly SWP Operations Data Reports from January 1990 have been made available on the Internet at <http://www.water.ca.gov/swp/operationscontrol/projectwide.cfm>. It provides the State Water Service Contractors, public agencies, consultants and others with the daily and monthly status of the Project's water and power operations.

Revisions to these data will appear in the Annual Report of Operations reflecting corrections made after the monthly summaries have been printed.

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Department of Water Resources  
**MARK COWIN, Director**

Department of Water Resources  
**DALE HOFFMAN-FLOERKE, Chief Deputy Director**

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The organization shown above represents staff and positions relevant to this report as of publication date on October 2012. It is the Department's policy to not show staff in "Acting" or "Temporary" positions.

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## **MONTHLY HIGHLIGHTS**

The following activities highlight actions that affected State Water Project operations during September 2010:

Statewide precipitation was about 110 percent of average for the 2009 – 2010 water-year through September 30. Precipitation percentages are used in this report to express historical and regional comparisons. Additional and more specific information is available on the internet at: [“http://cdec.water.ca.gov/snow\\_rain.html”](http://cdec.water.ca.gov/snow_rain.html).

Snowpack data is compiled four times annually, for the months of January, February, March, and April, by the California Department of Water Resources in Bulletin 120. The Bulletin also contains forecasts of seasonal runoff volume from the state's major watersheds, summaries of precipitation, and reservoir storages in various regions of the State.

September snowpack data is not available.

Cumulative unimpaired runoff for the Sacramento River Region for the 2009 – 2010 water-year was 15.9 maf, 86 percent of average. Statewide runoff for the 2009 – 2010 water-year was 105 percent of average.

Statewide reservoir storage was 90 percent of average to date. Total storage in major SWP reservoirs at the end of September was about 2.72 maf compared to 2.06 maf at this time in 2009. On September 30, end-of-month storage at Lake Oroville was about 1.76 maf, as compared to 1.34 maf at this time in 2009. The State share of San Luis Reservoir's end-of-month storage was about 414 taf, as compared with 223 taf at this time in 2009. The combined storage in SWP's southern reservoirs was about 555 taf, compared with about 498 taf at this time in 2009.

SWP water deliveries to date through September were about 2.75 maf. Water deliveries are a combination of project, transfer, and exchange classifications. Total deliveries through this same period in 2009 were 2.01 maf.

Conditions in the Delta remained “Balanced” throughout the month of September. “Balanced” conditions exist when the DWR and the USBR agree that releases from upstream reservoirs plus unregulated flow approximately equal the water supply needed to meet Sacramento Valley.

On September 22, 2010, San Joaquin Field Division started re-filling the Chrisman Plant discharge line No. 4 after repairing drain piping leaks on Units 8 and 9. Both units and the No. 4 discharge line had been out of service since September 9, 2010, for leak repair.

**Table 1. Antelope Lake**

Daily Operation

(in acre-feet except as noted)

Capacity: 22,566 ac-ft

**September 2010**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	Water Supply Contract	Water Right					
Aug 31	4998.26	19,234									
1	4998.19	19,175	-59	20	0	0	0	9	29	-1	
2	4998.13	19,124	-51	20	0	0	0	9	29	3	
3	4998.08	19,082	-42	20	0	0	0	9	29	8	
4	4998.00	19,014	-68	20	0	0	0	9	29	-5	
5	4997.94	18,963	-51	20	0	0	0	9	29	3	
6	4997.87	18,905	-58	20	0	0	0	9	29	0	
7	4997.80	18,846	-59	20	0	0	0	9	29	-1	
8	4997.74	18,796	-50	20	0	0	0	9	29	4	
9	4997.68	18,745	-51	20	0	0	0	9	29	3	
10	4997.62	18,695	-50	20	0	0	0	9	29	4	
11	4997.56	18,645	-50	20	0	0	0	9	29	4	
12	4997.51	18,604	-41	20	0	0	0	9	29	8	
13	4997.46	18,562	-42	20	0	0	0	9	29	8	
14	4997.38	18,496	-66	20	0	0	0	9	29	-4	
15	4997.32	18,446	-50	20	0	0	0	9	29	4	
16	4997.25	18,388	-58	20	0	0	0	9	29	0	
17	4997.20	18,347	-41	20	0	0	0	9	29	8	
18	4997.13	18,289	-58	20	0	0	0	9	29	0	
19	4997.07	18,239	-50	20	0	0	0	9	29	4	
20	4997.00	18,182	-57	20	0	0	0	9	29	0	
21	4996.94	18,132	-50	20	0	0	0	9	29	4	
* 22	4996.88	18,084	-48	20	0	0	0	9	29	5	
23	4996.83	18,043	-41	20	0	0	0	9	29	8	
24	4996.76	17,986	-57	20	0	0	0	9	29	0	
25	4996.70	17,937	-49	20	0	0	0	9	29	4	
26	4996.65	17,896	-41	20	0	0	0	8	28	7	
27	4996.58	17,839	-57	20	0	0	0	8	28	-1	
28	4996.53	17,799	-40	20	0	0	0	8	28	8	
29	4996.46	17,742	-57	20	0	0	0	8	28	-1	
30	4996.42	17,709	-33	20	0	0	0	8	28	11	
Total cfs-days				---	600	0	0	0	265	865	
Total ac-ft				-1,525	1,190	0	0	0	525	1,715	
96 190											

\* Estimated daily values.

**Table 2. Frenchman Lake**

Daily Operation  
(in acre-feet except as noted)

Capacity: 55,477 ac-ft

**September 2010**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	1/ Water Supply Contract	Water Right					
Aug 31	5561.97	23,249									
1	5561.92	23,203	-46	2	17	0	0	11	30	7	
2	5561.85	23,139	-64	2	11	0	0	11	24	-8	
3	5561.81	23,102	-37	2	8	0	0	11	21	2	
4	5561.77	23,065	-37	2	6	0	0	11	19	0	
5	5561.75	23,047	-18	2	6	0	0	11	19	10	
6	5561.72	23,019	-28	2	6	0	0	11	19	5	
7	5561.65	22,955	-64	2	6	0	0	11	19	-13	
8	5561.60	22,909	-46	2	8	0	0	10	20	-3	
9	5561.54	22,854	-55	2	9	0	0	10	21	-7	
10	5561.53	22,845	-9	2	7	0	0	10	19	14	
11	5561.48	22,799	-46	2	5	0	0	10	17	-6	
12	5561.45	22,772	-27	2	5	0	0	10	17	3	
13	5561.42	22,744	-28	2	5	0	0	10	17	3	
14	5561.40	22,726	-18	2	5	0	0	10	17	8	
15	5561.34	22,672	-54	2	5	0	0	10	17	-10	
16	5561.33	22,662	-10	2	8	0	0	10	20	15	
17	5561.22	22,563	-99	2	9	0	0	10	21	-29	
18	5561.20	22,544	-19	2	9	0	0	10	21	11	
19	5561.15	22,499	-45	2	9	0	0	10	21	-2	
20	5561.11	22,463	-36	2	13	0	0	10	25	7	
21	5561.08	22,436	-27	2	15	0	0	10	27	13	
22	5561.06	22,418	-18	2	15	0	0	10	27	18	
23	5560.94	22,309	-109	2	15	0	0	10	27	-28	
24	5560.89	22,264	-45	2	12	0	0	10	24	1	
25	5560.85	22,228	-36	2	10	0	0	10	22	4	
26	5560.79	22,174	-54	2	10	0	0	10	22	-5	
27	5560.73	22,121	-53	2	10	0	0	10	22	-5	
28	5560.70	22,094	-27	2	10	0	0	10	22	8	
29	5560.69	22,085	-9	2	9	0	0	10	21	16	
30	5560.64	22,040	-45	2	8	0	0	10	20	-3	
Total cfs-days				---	60	271	0	0	307	638	
Total ac-ft				-1,209	119	538	0	0	609	1,266	

1/ Last Chance Creek Water District.

**Table 3. Lake Davis**

Daily Operation  
(in acre-feet except as noted)

Capacity: 84,371 ac-ft

**September 2010**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	Water Right 1/	Water Supply Contract 2/					
Aug 31	5765.64	51,215									
1	5765.60	51,093	-122	8	2	1	0	23	34	-28	
2	5765.58	51,032	-61	8	2	1	0	23	34	3	
3	5765.55	50,941	-91	8	2	1	0	23	34	-12	
4	5765.54	50,911	-30	8	2	1	0	23	34	19	
5	5765.51	50,820	-91	8	2	1	0	23	34	-12	
6	5765.47	50,699	-121	8	2	1	0	23	34	-27	
7	5765.43	50,578	-121	8	2	1	0	23	34	-27	
8	5765.42	50,547	-31	8	2	1	0	23	34	18	
9	5765.39	50,457	-90	8	2	1	0	23	34	-11	
10	5765.38	50,427	-30	8	2	1	0	23	34	19	
11	5765.34	50,306	-121	8	2	1	0	23	34	-27	
12	5765.32	50,246	-60	8	2	1	0	23	34	4	
13	5765.30	50,186	-60	8	3	1	0	22	33	3	
14	5765.28	50,126	-60	7	3	1	0	22	33	3	
15	5765.26	50,066	-60	8	2	1	0	22	33	3	
16	5765.24	50,006	-60	8	2	1	0	22	33	3	
17	5765.22	49,946	-60	8	2	1	0	22	33	3	
18	5765.17	49,796	-150	8	2	1	0	22	33	-43	
19	5765.17	49,796	0	8	2	1	0	22	33	33	
20	5765.15	49,736	-60	8	3	1	0	22	33	3	
21	5765.12	49,646	-90	8	3	1	0	22	33	-12	
22	5765.10	49,587	-59	8	2	1	0	22	33	3	
23	5765.08	49,527	-60	8	2	1	0	22	33	3	
24	5765.07	49,497	-30	8	2	1	0	22	33	18	
25	5765.04	49,408	-89	8	2	1	0	22	33	-12	
26	5765.02	49,348	-60	8	2	1	0	22	33	3	
27	5765.00	49,289	-59	8	2	1	0	22	33	3	
28	5764.98	49,227	-62	8	2	1	0	22	33	2	
29	5764.95	49,137	-90	8	2	1	0	22	33	-12	
30	5764.93	49,078	-59	8	2	1	0	22	33	3	
Total cfs-days				---	230	70	30	0	672	1,002	
Total ac-ft				-2,137	456	139	60	0	1,332	1,987	

1/ Includes unclassified non-project diversions to local agencies (Valberti and Romelli).

**Table 4. Lake Oroville**

Daily Operation

(in acre-feet except as noted)

Capacity: 3,537,580 ac-ft

**September 2010**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow							Inflow	
				Hyatt Powerplant Generation 1/	Palermo Canal 2/	Lime Saddle Marina	Butte County Del Oro	Evaporation 3/	Spill	Total Outflow	Hyatt Powerplant Pumpback	Computed Inflow 4/
Aug 31	786.18	2,039,725										
	1	785.11	-11,448	18,723	26	0	0	226	0	18,975	0	7,527
	2	783.83	-13,634	18,666	26	0	0	251	0	18,943	0	5,309
	3	782.38	-15,365	18,976	26	0	0	314	0	19,316	0	3,951
	4	781.32	-11,179	15,978	26	0	0	285	0	16,289	0	5,110
	5	780.24	-11,344	15,300	26	0	0	255	0	15,581	0	4,237
	6	779.17	-11,192	15,407	26	0	0	275	0	15,708	0	4,516
	7	778.10	-11,147	15,387	26	0	0	246	0	15,659	0	4,512
	8	776.74	-14,102	19,017	25	0	0	238	0	19,280	0	5,178
	9	775.58	-11,970	16,805	23	0	0	174	0	17,002	0	5,032
	10	774.62	-9,865	16,938	22	0	0	166	0	17,126	0	7,261
	11	773.29	-13,607	17,221	22	0	0	173	0	17,416	0	3,809
	12	772.22	-10,896	15,695	22	0	0	254	0	15,971	0	5,075
	13	771.34	-8,927	15,860	22	0	0	240	0	16,122	0	7,195
	14	770.10	-12,527	15,977	21	0	0	184	0	16,182	0	3,655
	15	769.17	-9,361	14,917	20	0	0	210	0	15,147	0	5,786
	16	768.66	-5,117	10,931	20	0	0	129	0	11,080	0	5,963
	17	767.88	-7,807	12,566	20	0	0	250	0	12,836	0	5,029
	18	767.05	-8,281	11,554	20	0	0	115	0	11,689	0	3,408
	19	766.59	-4,578	11,023	20	0	0	141	0	11,184	0	6,606
	20	765.77	-8,141	11,560	20	0	0	134	0	11,714	0	3,573
	21	765.44	-3,269	10,191	20	0	0	174	0	10,385	0	7,116
	22	764.93	-5,043	10,124	20	0	0	133	0	10,277	0	5,234
	23	763.85	-10,646	14,282	21	0	0	113	0	14,416	0	3,770
	24	762.97	-8,642	14,959	22	0	1	199	0	15,181	0	6,539
	25	762.16	-7,929	13,085	22	0	1	192	0	13,300	0	5,371
	26	761.44	-7,026	10,801	22	0	1	244	0	11,068	0	4,042
	27	760.58	-8,366	13,592	22	0	1	243	0	13,858	0	5,492
	28	759.74	-8,145	14,239	22	0	1	235	0	14,497	0	6,352
	29	758.74	-9,672	14,311	22	0	1	255	0	14,589	0	4,917
	30	758.19	-5,305	11,039	22	0	1	267	0	11,329	0	6,024
<b>Total</b>				<b>-284,531</b>	<b>435,124</b>	<b>674</b>	<b>0</b>	<b>7</b>	<b>6,315</b>	<b>0</b>	<b>442,120</b>	<b>0</b>
												<b>157,589</b>

1/ Includes bypass flows

2/ South Feather Water and Power Agency

3/ Evaporation will be zero for days when there is precipitation or heavy overcast.

4/ Does not include pumpback.

**Table 5. Thermalito Forebay  
Including Diversion Pool and Power Canal**

Daily Operation

(in acre-feet except as noted)

**September 2010**

Capacity: 25,120 ac-ft

Date	Storage 1/	Storage Change	Inflow			Outflow					Losses (-) And Gains (+)
			Lake Oroville Releases 2/	Kelly Ridge Generation	Thermalito Pumping- Generating Plant Pumpback	Thermalito Pumping- Generating Plant Generation 3/	Butte County Cal Water	Thermalito Irrigation District	Releases To River 4/	Hyatt Powerplant Pumpback	
Aug 31	24,157										
1	23,859	-298	18,723	423	0	18,309	0	8	1,379	0	252
2	23,983	124	18,666	419	0	17,994	0	8	1,375	0	416
3	23,986	3	18,976	408	0	18,298	0	8	1,377	0	302
4	24,195	209	15,978	463	0	14,888	0	8	1,379	0	43
5	24,173	-22	15,300	472	0	14,902	0	8	1,379	0	495
6	24,232	59	15,407	441	0	14,881	0	8	1,371	0	471
7	24,167	-65	15,387	445	0	14,997	0	8	1,373	0	481
8	24,027	-140	19,017	445	0	18,616	0	8	1,379	0	401
9	23,665	-362	16,805	419	0	16,507	0	8	1,377	0	306
10	24,049	384	16,938	446	0	16,012	0	8	1,377	0	397
11	24,416	367	17,221	424	0	16,189	0	8	1,379	0	298
12	24,413	-3	15,695	426	0	15,092	0	8	1,379	0	355
13	24,020	-393	15,860	466	0	15,609	0	8	1,379	0	277
14	24,339	319	15,977	441	0	14,886	0	8	1,377	0	172
15	24,444	105	14,917	441	0	14,227	0	8	1,379	0	361
16	24,195	-249	10,931	466	0	10,026	0	8	1,379	0	-233
17	24,273	78	12,566	452	0	11,005	0	8	1,377	0	-550
18	24,285	12	11,554	446	0	10,443	0	8	1,379	0	-158
19	24,335	50	11,023	454	0	9,605	0	8	1,375	0	-439
20	24,419	84	11,560	449	0	10,307	0	8	1,375	0	-235
21	24,192	-227	10,191	450	0	9,210	0	8	1,375	0	-275
22	24,190	-2	10,124	450	0	8,941	0	8	1,369	0	-258
23	24,381	191	14,282	464	0	13,267	0	7	1,379	0	98
24	23,902	-479	14,959	446	0	14,680	0	7	1,371	0	174
25	23,829	-73	13,085	446	0	12,423	0	7	1,355	0	181
26	24,398	569	10,801	451	0	9,368	0	7	1,357	0	49
27	23,723	-675	13,592	446	0	13,274	0	7	1,367	0	-65
28	23,649	-74	14,239	464	0	12,971	0	7	1,531	0	-268
29	24,420	771	14,311	459	0	12,319	0	7	1,611	0	-62
30	24,236	-184	11,039	446	0	9,933	0	7	1,626	0	-103
Total		79	435,124	13,368	0	409,179	0	232	41,885	0	2,883

1/ Sum of Thermalito Forebay and Diversion Pool.

2/ Sum of releases from Lake Oroville through Hyatt plant, and spill.

3/ Includes Bypass flows at Thermalito.

4/ The sum of the flows from fish barrier dam and the fish hatchery.

**Table 6. Thermalito Afterbay**

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

**September 2010**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow					Losses (-) and Gains (+)	Total Releases to River 2/
				Thermalito Pumping-Generating Plant Generation 1/	Sutter Butte Canal	Western Canal Lateral	Richvale Canal	Western Canal	Afterbay River Outlet	Thermalito Pumping-Generating Plant Pumpback		
Aug 31	132.96	42,690										
	1	133.49	44,723	2,033	18,309	2,579	26	397	1,379	10,731	0	-1,164
	2	134.04	46,878	2,155	17,994	2,440	26	456	1,331	10,751	0	-835
	3	134.51	48,751	1,873	18,298	2,360	24	436	1,281	11,326	0	-998
	4	134.05	46,918	-1,833	14,888	2,301	22	417	1,242	11,742	0	-997
	5	133.65	45,345	-1,573	14,902	2,261	22	413	1,194	11,722	0	-863
	6	133.24	43,759	-1,586	14,881	2,261	22	415	1,103	11,722	0	-944
	7	132.98	42,766	-993	14,997	2,241	22	397	996	11,722	0	-612
	8	133.57	45,034	2,268	18,616	2,162	17	363	924	11,742	0	-1,140
	9	133.77	45,815	781	16,507	2,063	13	317	831	11,742	0	-760
	10	133.86	46,168	353	16,012	1,948	12	284	690	11,742	0	-983
	11	134.13	47,234	1,066	16,189	1,819	11	236	609	11,722	0	-726
	12	134.18	47,433	199	15,092	1,757	10	220	557	11,742	0	-607
	13	134.31	47,950	517	15,609	1,652	10	222	518	11,722	0	-968
	14	134.52	48,791	841	14,886	1,500	9	186	442	11,425	0	-483
	15	134.73	49,639	848	14,227	1,462	8	145	367	10,731	0	-666
	16	134.08	47,037	-2,602	10,026	1,327	8	105	329	10,751	0	-108
	17	133.84	46,090	-947	11,005	1,133	8	91	303	10,731	0	314
	18	133.38	44,298	-1,792	10,443	1,119	7	91	292	10,751	0	25
	19	132.71	41,746	-2,552	9,605	1,123	7	91	294	10,751	0	109
	20	132.21	39,888	-1,858	10,307	1,125	8	81	262	10,731	0	42
	21	131.64	37,818	-2,070	9,210	1,067	9	61	234	10,096	0	187
	22	131.04	35,695	-2,123	8,941	1,041	6	24	222	9,739	0	-32
	23	131.55	37,496	1,801	13,267	1,008	4	24	206	9,739	0	-485
	24	132.53	41,073	3,577	14,680	980	4	24	206	9,104	0	-785
	25	133.12	43,299	2,226	12,423	960	4	24	204	8,727	0	-278
	26	132.90	42,463	-836	9,368	960	4	24	208	8,727	0	-281
	27	133.63	45,267	2,804	13,274	962	4	24	315	8,727	0	-438
	28	134.36	48,150	2,883	12,971	948	4	24	393	8,727	0	8
	29	134.87	50,208	2,058	12,319	952	4	10	381	8,727	0	-187
	30	134.78	49,842	-366	9,933	962	4	0	349	8,727	0	-257
<b>Total</b>				<b>7,152</b>	<b>409,179</b>	<b>46,470</b>	<b>339</b>	<b>5,600</b>	<b>17,660</b>	<b>317,039</b>	<b>0</b>	<b>-14,919</b>
												<b>358,924</b>

1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

**Table 7. Oroville-Thermalito Complex**

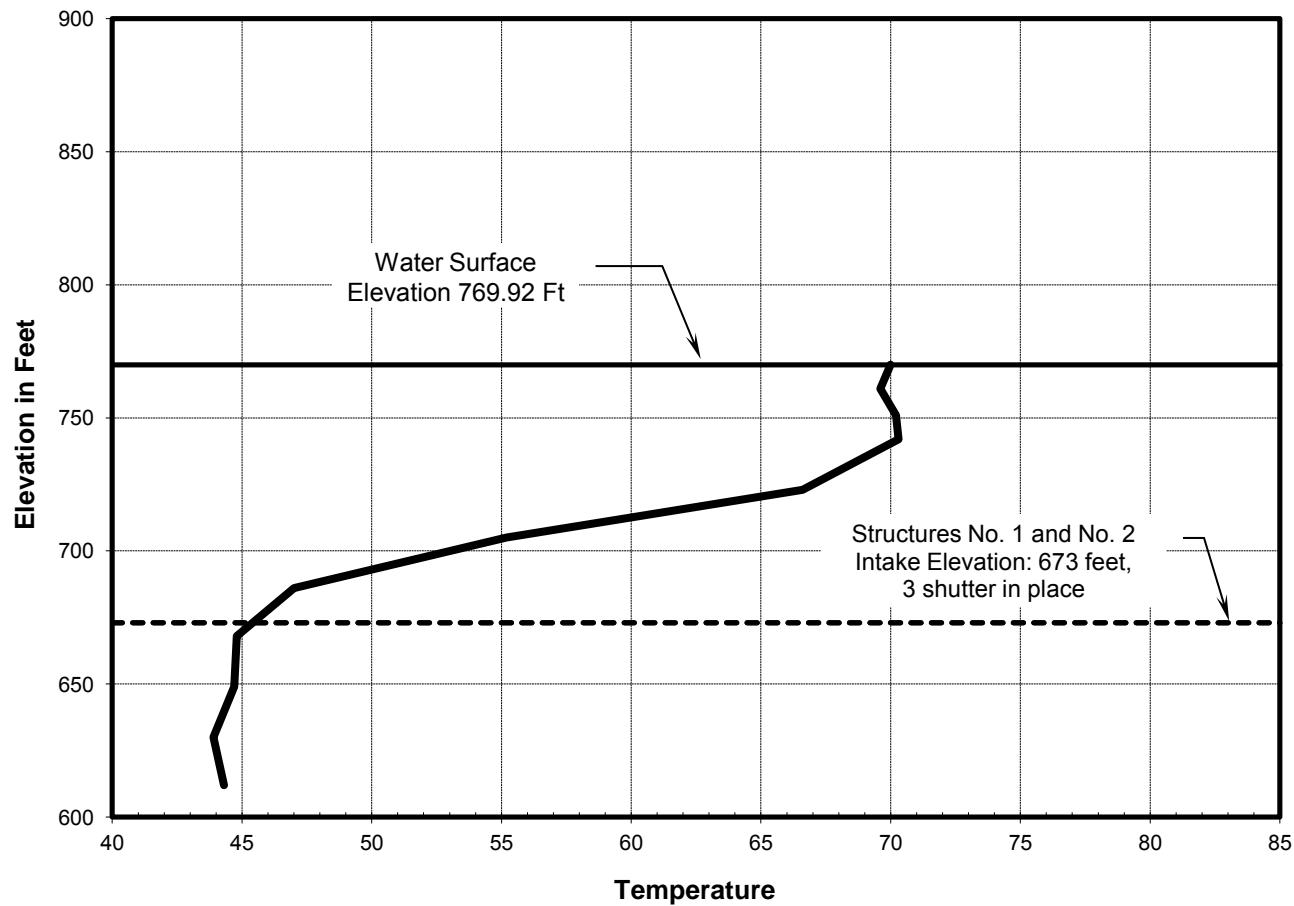
Water Temperature Data

(in degrees Fahrenheit)

**September 2010**

Date	Mean Daily Temperature	
	Thermalito Afterbay Outlet	Fish Hatchery
1	61.3	54
2	61.9	54
3	61.5	55
4	60.2	55
5	60.9	55
6	59.7	55
7	58.9	55
8	58.5	55
9	58.3	55
10	58.8	55
11	58.9	55
12	59.1	55
13	58.8	55
14	59	52
15	59.3	52
16	59.3	53
17	58.4	53
18	58	53
19	57.7	53
20	60	53
21	59	53
22	57.9	53
23	58.3	54
24	58.4	55
25	58.5	55
26	59.2	55
27	59.2	55
28	60.1	55
29	59.8	55
30	59.2	53

**Lake Oroville Temperature Profile  
on September 15, 2010**



Note: Water surface elevations on Table 4 are taken at Oroville Dam at midnight and may differ slightly from those shown on this table which are normally taken at mid-day and upstream from Oroville Dam.

**Table 8. North Bay Aqueduct**  
Delta Field Division, Monthly Deliveries

**September 2010**

(In acre-feet)

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			Table A	Permit	Settlement	Article 56C	Other	
	No.	Structure	Mile								
1	1	Barker Slough Pumping Plant	0.17	(Into the North Bay Aqueduct)	6,104	330	295	73	426	1/ 1,000	
		Travis Surge Tank	8.78								
			8.80	Solano County Water Agency Travis AFB	330						
			10.54	Solano County Water Agency Fairfield / Vacaville 24"	368						
				Solano County Water Agency Fairfield / Vacaville 42"	2,162						
	2		17.00	Solano County Water Agency Central Solano	Stub						
	3A	Cordelia Forebay	21.23			473	134	216	2/ 100	1,219	
		Cordelia Pumping Plant & Cordelia Spillway	21.30		3,154						
		Napa Pipeline	21.33	Solano County Water Agency Vallejo	473						
				Solano County Water Agency Benicia	1,134						
		Cordelia Surge Tank	23.33								
3B	2	Creston Surge Tank Connection	25.65			12	12				
			26.95	Napa County Flood Control & WCD American Canyon 2	316						
			27.27	Napa County Flood Control & WCD American Canyon 3	0						
		Napa Terminal Tank	27.58	City of Napa	1,219						
			27.60	Napa County Flood Control & WCD American Canyon 1	12						

1/ Table A exchange from Mojave WA to Solano County WA.

2/ Solano Permit water sold to American Canyon, delivered to Cordelia Forebay and pumped to American Canyon.

**Table 9. Delta Field Division Plant Data**

(in acre-feet)

**September 2010**

Date	North Bay Aqueduct		California Aqueduct		South Bay Aqueduct			
	Barker Slough Pumping Plant	Cordelia Pumping Plant	Banks Pumping Plant		South Bay Pumping Plant	Del Valle Pumping Plant		
			Total	SWP		Into Lake	Into Aqueduct	Gravity Flow Through Plant Into Aqueduct
1	225	117	12,394	12,394	503	0	0	8
2	229	116	12,438	12,438	535	0	0	0
3	211	105	12,989	12,989	533	0	0	0
4	218	115	13,403	13,403	528	0	0	0
5	205	105	13,586	13,586	534	0	0	0
6	209	116	12,989	12,989	524	0	0	0
7	208	112	12,801	12,801	546	0	0	0
8	190	92	12,906	12,906	533	0	0	0
9	225	121	13,821	13,821	513	0	0	0
10	227	132	14,046	14,046	506	0	0	0
11	222	123	13,862	13,862	503	0	0	0
12	206	109	14,512	14,512	479	0	0	0
13	216	117	14,757	12,952	506	0	0	0
14	211	112	14,741	12,936	412	0	0	0
15	211	111	14,289	12,484	509	0	0	0
16	189	92	12,723	10,918	466	0	0	11
17	185	89	11,790	9,985	475	0	0	1
18	181	86	11,847	10,042	545	0	0	0
19	174	85	11,834	10,029	488	0	0	0
20	188	91	10,509	8,704	497	0	0	0
21	187	98	9,418	7,603	484	0	0	0
22	200	106	9,128	7,323	451	0	0	0
23	201	107	11,008	9,203	481	0	0	0
24	193	95	12,184	10,379	491	0	0	0
25	190	99	11,834	11,315	488	0	0	0
26	199	99	11,872	10,953	479	0	0	0
27	199	104	9,699	8,780	470	0	0	0
28	203	98	12,755	10,917	467	0	0	0
29	178	82	13,353	11,515	451	0	0	0
30	224	120	13,023	11,185	434	0	0	8
Total	6,104	3,154	376,511	346,970	14,831	0	0	28

**Table 10. Clifton Court Forebay**

Daily Operation of Gates

**September 2010**

Date	Time										Amount of inflow in Acre-Feet
	Opened	Closed									
1	00:01	06:15	09:45	20:50							12,262
2	01:00	07:45	10:45	21:48							13,283
3	07:00	09:00	12:00	21:55							13,279
4	00:01	00:45	03:00	09:45	13:00						13,288
5		01:45	04:15	10:15	13:50	21:40					13,300
6	00:01	02:45	05:15	11:30	14:35	21:35					13,270
7	00:01	03:30	06:30	12:15	15:15	22:40					13,869
8	00:01	04:30	07:00	13:00	16:00						13,871
9		01:19	03:08	05:15	08:00	13:30	16:30				14,236
10		01:30	05:00	13:03	16:21	18:15	21:15				13,551
11		03:00	06:00	19:00	21:45						13,696
12		04:00	07:00	19:45	22:45						14,236
13		04:45	07:45	20:45	23:30						14,240
14	00:01	06:00	09:00	21:06							14,223
15	00:30	07:15	10:15	23:15							14,216
16	01:30	08:05	11:15	22:20							12,881
17	02:30	09:15	12:15	22:04	23:15						11,888
18		01:30	03:45	09:30	13:15	23:25	23:58				11,896
19		02:30	04:45	10:45	14:00	21:20					11,883
20	00:01	03:15	05:30	11:30	14:30	20:35					10,895
21	00:01	04:00	06:15	12:00	15:00	20:46					9,893
22	03:30	11:45	15:20	21:45	23:30						10,906
23		00:55	02:19	05:00	07:45	17:00	20:00				10,132
24		00:41	04:30	13:03	15:24	17:00	20:15				11,924
25		02:05	05:15	13:47	15:27	18:00	20:45				11,484
26		02:15	05:45	18:30	21:16						11,888
27		03:15	06:15	13:28	17:15	19:00	21:45				11,893
28		03:14	07:00	19:45	22:23						12,842
29		04:17	08:00	20:30	23:15						12,879
30		05:40	09:00	21:45							12,885
Total inflow for the month in AF:											380,989

**Table 11. Governor Edmund G. Brown California Aqueduct**

Delta Field Division, Monthly Deliveries

(In acre-feet)

**September 2010**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries							
	Beginning and Ending		No.			Table A	USBR	Local Other	Article 56C	Other			
	No.	Structure	Mile										
1A			1.83	Byron-Bethany I.D.	2,337			2,337					
1	1	Banks Pumping Plant	3.32		376,511								
		South Bay Pumping Plant	4.49	Bethany Reservoir (Into the South Bay Aquaduct)	14,831								
		Check No. 1	5.95										
			8.08	Alameda Co. Zone 7 WA Mountain House Golf Course	0								
	2	Check No. 2	12.01										
			12.47	Musco Olive	35		35						
		Check No. 3	18.29										
	3		22.16	Tracy Golf & Country Club	0								
		Check No. 4	23.99										
		Check No. 5	29.73										
		Check No. 6	34.24										
2A	7		35.22	Turlock Fruit Company Inflow	0					1/ 13			
		Check No. 7	39.91										
	8		42.46	Oak Flat Water District-A	54		41						
			42.9	Western Hills WD	174								
			43.81	Oak Flat Water District-B	0								
			44.64	Oak Flat Water District-C	57		57						
		Check No. 8	45.97		0								
	9		46.18	Oak Flat Water District-D	66		174						
				Oak Flat Totals:	177								
2B	Check No. 9	51.3					66	164	0	0			
	Check No. 10	56.86											
	Check No. 11	61.4											
		66.14	Veteran's Cemetery		38								
	Check No. 12	66.71			340,573								

1/ Dry Purchase 3.

**Table 12. South Bay Aqueduct**  
Delta Field Division, Monthly Deliveries

(In acre-feet)

**September 2010**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		No.			Table A	Local	Article 56C	Other	Recreation	
	No.	Structure	Mile								
1	1	South Bay Pumping Plant	0.00	(into South Bay Aqueduct)	14,831	5	31	435	1/ 868		
			3.17	Granite - Vasco Rd. (Temp.)	0						
			3.18	Oakland Scavenger Zone 7	5						
	Check No. 1	3.91									
	2	Check No. 2	5.21								
			7.21	Zone 7 Water Agency Altamont	31						
2	3			Zone 7 Water Agency Patterson							
		Check No. 3	9.49	Storage Exchange Project Water	0						
4	4	Check No. 4	10.68								
	5	Check No. 5	12.29								
	6		13.55	Zone 7 Water Agency Wente #1	110		110				
			14.16	Zone 7 Water Agency Wente #2	73		73				
			14.31	Zone 7 Water Agency Ising	56		56				
		Check No. 6	14.65								
	7		14.78	Zone 7 Water Agency Arroyo Mocho Project Water	886		886				
		Check No. 7	16.38								
	8		16.57	Zone 7 Water Agency Wente #3	0						
			16.63	Zone 7 Water Agency Wente #4	190		190				
			16.69	Zone 7 Water Agency Norman Nursery	0						
			16.70	Zone 7 Water Agency Concannon Project Water	72		72				
		Del Valle Branch Pipeline SEPction	18.63	Pumped into Lake Del Valle	0						
				Pumped into South Bay Aqueduct	0						
				Gravity into South Bay Aqueduct	28						
5	8	Deliveries through Del Valle Branch Pipeline		Zone 7 Water Agency Arroyo Valle #1 & #2 Project Water	289		289			21	
				Storage Exchange Inflow Release	177		177				
				East Bay Regional Park Dist. Del Valle Recreation	21						
				Zone 7 Water Agency Wente #5	74		74				
6			19.20	Zone 7 Water Agency So. Livermore Project Storage Exchange Project Water	0					2/ 91	
			19.21	Zone 7 - Kalthrof Detjens	115		115				
7	La Costa Tunnel		22.50	ACWD - Vallecitos Project Water	0						
			25.97	City of San Francisco San Antonio	0						
8	Mission Tunnel	28.97		ACWD - Bayside 1 & 2 Project Water Storage Exchange	1,342			1,342			
	Santa Clara Pipeline	35.86		S.C.V.W.D. Meter	1,000		1,000				
9					6,934				3/ 6,934		

1/ Byron Bethany Irrigation District water transferred to Zone 7.

2/ Dry Purchase 3.

3/ Includes 6,707 AF of MWD water stored in Shasta to Santa Clara Valley WD in exchange for Santa Clara Table A water and 227 AF of Dry Purchase 3.

**Table 13. Lake Del Valle**

Daily Operation

Capacity: 77,106 ac-ft

**September 2010**

Date	Water Surface Elevation (feet)	Storage	Storage Change	Inflow		Outflow					Precipitation (inches)
				Natural 1/	From South Bay Aqueduct	Arroyo Valle	South Bay Aqueduct 2/	Recreation Deliveries 3/	Evaporation	Total Outflow	
Aug 31	698.52	36,823									
1	698.50	36,809	-14	9	0	0	8	1	14	23	0.00
2	698.48	36,796	-13	5	0	0	0	1	17	18	0.00
3	698.46	36,783	-13	8	0	0	0	1	20	21	0.00
4	698.44	36,769	-14	1	0	0	0	1	14	15	0.00
5	698.43	36,762	-7	8	0	0	0	1	14	15	0.00
6	698.42	36,756	-6	12	0	0	0	1	17	18	0.00
7	698.37	36,722	-34	-15	0	0	0	1	18	19	0.00
8	698.37	36,722	0	12	0	0	0	1	11	12	0.00
9	698.34	36,702	-20	-13	0	0	0	1	6	7	0.00
10	698.30	36,675	-27	-17	0	0	0	1	9	10	0.00
11	698.27	36,655	-20	-7	0	0	0	1	12	13	0.00
12	698.22	36,621	-34	-19	0	0	0	1	14	15	0.00
13	698.19	36,601	-20	-6	0	0	0	1	13	14	0.00
14	698.16	36,581	-20	-12	0	0	0	1	7	8	0.00
15	698.11	36,548	-33	-22	0	0	0	1	10	11	0.00
16	698.08	36,527	-21	1	0	0	11	1	10	22	0.00
17	698.03	36,494	-33	-22	0	0	1	1	9	11	0.00
18	698.01	36,481	-13	-5	0	0	0	1	7	8	0.00
19	697.96	36,447	-34	-25	0	0	0	1	8	9	0.00
20	697.93	36,427	-20	-12	0	0	0	1	7	8	0.00
21	697.90	36,407	-20	-9	0	0	0	1	10	11	0.00
22	697.84	36,367	-40	-30	0	0	0	0	10	10	0.00
23	697.82	36,354	-13	-4	0	0	0	0	9	9	0.00
24	697.80	36,340	-14	-3	0	0	0	0	11	11	0.00
25	697.76	36,314	-26	-12	0	0	0	0	14	14	0.00
26	697.73	36,294	-20	-5	0	0	0	0	15	15	0.00
27	697.70	36,273	-21	-5	0	0	0	0	16	16	0.00
28	697.66	36,247	-26	-9	0	0	0	0	17	17	0.00
29	697.63	36,227	-20	-1	0	0	0	0	19	19	0.00
30	697.58	36,194	-33	-9	0	0	8	0	16	24	0.00
Total				-629	-207	0	0	28	21	373	422
0.00											

1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.

2/ Project water released to South Bay Aqueduct through Del Valle Pumping Plant.

3/ To East Bay Regional Park District.

NR=No Records

**Table 14. Consolidated State-Federal O'Neill Forebay**

Daily Operations  
September 2010

United States  
Department of the Interior  
Bureau of Reclamation  
Central Valley Project

State of California  
The Resources Agency  
Department of Water Resources  
State Water Project

Capacity 56,430 ac-ft

Date	Water Surface Elevation (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)				Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
				Pump In 1/	O'Neill Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	California Aqueduct	O'Neill Pumping Generating Plant (Generation)	Gianelli Pumping Generating Plant (Pumped)	Dos Amigos Pumping Plant	Deliveries 2/	
Aug 31	222.85	50,646										
1	223.64	52,759	2,113	0	1,332	2,505	5,707	0	0	8,448	11	-20
2	223.61	52,679	-80	0	1,181	992	5,623	0	0	7,895	15	74
3	223.00	51,046	-1,633	0	1,221	0	5,713	0	0	7,921	8	172
4	222.77	50,433	-613	0	1,336	0	6,188	0	0	7,958	3	128
5	222.51	49,740	-693	0	1,528	0	5,999	0	904	6,888	3	-81
6	222.55	49,847	107	0	1,626	0	6,051	0	703	7,162	9	251
7	222.09	48,624	-1,223	0	1,478	0	5,670	0	0	7,657	4	-104
8	220.90	45,498	-3,126	0	1,246	0	6,073	0	2,194	6,994	26	319
9	219.25	41,221	-4,277	0	1,327	0	6,372	0	2,061	8,228	11	445
10	219.65	42,248	1,027	0	1,434	1,298	6,148	0	1,142	7,218	1	-1
11	221.01	45,787	3,539	0	1,638	0	6,477	0	0	6,260	1	-70
12	222.47	49,634	3,847	0	1,856	0	6,660	0	0	6,368	1	-207
13	223.27	51,768	2,134	0	1,754	0	6,502	0	958	6,311	2	91
14	222.80	50,513	-1,255	0	1,655	0	6,826	0	2,964	6,225	5	80
15	223.73	53,001	2,488	0	1,572	0	6,420	0	986	5,833	8	89
16	222.55	49,847	-3,154	0	1,565	0	6,056	0	2,459	6,802	8	58
17	222.09	48,624	-1,223	0	1,571	502	5,444	0	1,527	6,683	15	91
18	222.55	49,847	1,223	0	1,465	0	5,395	0	0	6,267	5	29
19	221.71	47,625	-2,222	0	1,540	0	5,408	0	1,917	6,104	5	-42
20	220.89	45,472	-2,153	0	1,511	0	4,872	0	1,726	5,781	8	47
21	219.29	41,323	-4,149	0	1,315	0	4,553	0	1,524	6,879	4	447
22	220.37	44,114	2,791	0	1,381	3,135	3,897	0	0	6,772	2	-232
23	222.51	49,740	5,626	0	1,592	2,676	4,883	0	0	6,619	2	306
24	222.62	50,033	293	0	1,487	0	5,664	0	0	6,984	9	-10
25	223.04	51,153	1,120	0	1,462	0	5,197	0	0	6,070	9	-15
26	222.63	50,060	-1,093	0	1,469	0	5,639	0	1,532	6,136	4	13
27	223.79	53,162	3,102	0	1,570	0	4,173	0	0	4,167	8	-4
28	223.27	51,768	-1,394	0	1,710	0	5,786	0	1,531	6,781	15	128
29	222.86	50,673	-1,095	0	1,657	0	6,180	0	1,720	6,609	15	-45
30	222.01	48,411	-2,262	0	1,584	0	6,128	13	2,778	6,167	24	130
Total			-2,235	0	45,063	11,108	171,704	13	28,626	202,187	241	2,067
Mean cfs			---	0	1,502	370	5,723	0	954	6,740	8	69
Acre-feet			-2,235	0	89,385	22,030	340,573	25	56,779	401,030	478	4,089

1/ Pump-in located at Mile 79.67R.

2/ Includes 104 AF delivered to DFG at O'Neill Forebay, 0 AF to Parks & Rec., and 268 AF to San Luis Water District.

**Table 15. Consolidated State-Federal San Luis Reservoir**

Daily Operations

**September 2010**

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity: 2,027,835 ac-ft

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)			Computed Losses (-) Gains (+) (cfs)
				Gianelli Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	Pacheco Tunnel 1/	Parks and Rec. Del.		
Aug 31	429.34	774,865							
1	428.74	769,363	-5,502	0	2,505	264	0	-5	
2	428.46	766,799	-2,564	0	992	268	0	-33	
3	428.39	766,159	-640	0	0	266	0	-57	
4	428.30	765,336	-823	0	0	266	0	-149	
5	428.35	765,793	457	904	0	219	0	-455	
6	428.47	766,891	1,098	703	0	256	0	107	
7	428.38	766,068	-823	0	0	255	0	-160	
8	428.68	768,813	2,745	2,194	0	220	0	-590	
9	429.04	772,112	3,299	2,061	0	202	0	-196	
10	429.02	771,929	-183	1,142	1,298	209	0	273	
11	428.95	771,287	-642	0	0	208	0	-116	
12	428.90	770,829	-458	0	0	196	0	-35	
13	428.95	771,287	458	958	0	236	0	-491	
14	429.55	776,795	5,508	2,964	0	191	0	4	
15	429.66	777,806	1,011	986	0	197	0	-279	
16	430.11	781,947	4,141	2,459	0	198	0	-173	
17	430.30	783,698	1,751	1,527	502	197	0	55	
18	430.25	783,237	-461	0	0	203	0	-29	
19	430.53	785,819	2,582	1,917	0	179	0	-436	
20	430.81	788,404	2,585	1,726	0	202	0	-221	
21	431.10	791,084	2,680	1,524	0	181	0	8	
22	430.39	784,527	-6,557	0	3,135	193	0	22	
23	429.79	779,001	-5,526	0	2,676	206	0	96	
24	429.72	778,357	-644	0	0	217	0	-108	
25	429.65	777,714	-643	0	0	218	0	-106	
26	429.90	780,013	2,299	1,532	0	195	0	-178	
27	429.86	779,645	-368	0	0	220	0	34	
28	430.11	781,947	2,302	1,531	0	215	0	-155	
29	430.40	784,620	2,673	1,720	0	199	0	-173	
30	430.83	788,588	3,968	2,778	0	193	0	-584	
Total			13,723	28,626	11,108	6,469	0	-4,130	
Mean cfs			---	954	370	216	0	-138	
Acre-feet			13,723	56,779	22,030	12,833	0	-8,193	

1/ Pacheco Tunnel, San Felipe Split; Santa Clara 9,783 AF, Casa De Fruta 0 AF, and San Benito 941 AF.

**Table 16. San Luis Field Division Plant Data**

(in acre-feet)

**September 2010**

Date	Dos Amigos Pumping Plant		Gianelli Pumping - Generating Plant			San Felipe Project	
	Total Pumping	SWP Pumping 1/ 2/	Total Generation	SWP Generation 1/ 2/	Total Pumping	SWP Pumping 1/ 2/	Federal
1	16,756	16,459	4,969	4,969	0	0	524
2	15,659	15,362	1,967	1,967	0	0	532
3	15,711	15,414	0	0	0	0	528
4	15,785	15,488	0	0	0	0	527
5	13,663	13,366	0	0	1,793	1,793	434
6	14,206	13,909	0	0	1,394	1,394	508
7	15,187	14,890	0	0	0	0	506
8	13,873	13,576	0	0	4,351	-71	437
9	16,320	16,023	0	0	4,088	51	401
10	14,316	14,019	2,574	2,574	2,266	105	414
11	12,417	12,120	0	0	0	0	412
12	12,630	12,333	0	0	0	0	389
13	12,517	12,220	0	0	1,901	1,901	468
14	12,347	12,050	0	0	5,880	5,880	379
15	11,569	11,272	0	0	1,955	144	390
16	13,492	13,195	0	0	4,878	3,039	392
17	13,255	12,193	995	995	3,028	3,028	390
18	12,430	10,751	0	0	0	0	402
19	12,107	10,367	0	0	3,803	164	356
20	11,467	9,802	0	0	3,423	168	401
21	13,645	12,221	0	0	3,022	112	360
22	13,432	11,993	6,218	6,218	0	0	382
23	13,128	11,675	5,307	5,307	0	0	409
24	13,852	12,417	0	0	0	0	431
25	12,039	10,619	0	0	0	0	433
26	12,171	10,687	0	0	3,038	3,038	387
27	8,265	6,803	0	0	0	0	437
28	13,451	11,765	0	0	3,036	3,036	426
29	13,108	11,430	0	0	3,412	3,412	395
30	12,232	9,907	0	0	5,511	1,048	383
Total	401,030	374,326	22,030	22,030	56,779	28,242	12,833

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping;  
adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

**Table 17. Consolidated State-Federal Los Banos Reservoir**

Daily Operations  
September 2010

United States  
Department of the Interior  
Bureau of Reclamation  
Central Valley Project

State of California  
The Resources Agency  
Department of Water Resources  
State Water Project

Capacity 34,560 ac-ft

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Aug 31	327.80	20,576					
1	327.79	20,571	-5	0	0	0	-5
2	327.77	20,562	-9	0	0	0	-9
3	327.75	20,552	-10	0	0	0	-10
4	327.74	20,547	-5	0	0	0	-5
5	327.72	20,538	-9	0	0	0	-9
6	327.71	20,533	-5	0	0	0	-5
7	327.71	20,533	0	0	0	0	0
8	327.61	20,486	-47	0	0	0	-47
9	327.61	20,486	0	0	0	0	0
10	327.61	20,486	0	0	0	0	0
11	327.61	20,486	0	0	0	0	0
12	327.54	20,454	-32	0	0	0	-32
13	327.54	20,454	0	0	0	0	0
14	327.54	20,454	0	0	0	0	0
15	327.54	20,454	0	0	0	0	0
16	327.54	20,454	0	0	0	0	0
17	327.54	20,454	0	0	0	0	0
18	327.54	20,454	0	0	0	0	0
19	327.42	20,398	-56	0	0	0	-56
20	327.42	20,398	0	0	0	0	0
21	327.42	20,398	0	0	0	0	0
22	327.42	20,398	0	0	0	0	0
23	327.32	20,351	-47	0	0	0	-47
24	327.32	20,351	0	0	0	0	0
25	327.32	20,351	0	0	0	0	0
26	327.32	20,351	0	0	0	0	0
27	327.32	20,351	0	0	0	0	0
28	327.26	20,323	-28	0	0	0	-28
29	327.26	20,323	0	0	0	0	0
30	327.26	20,323	0	0	0	0	0
Total			-253	0	0	0	-253
Mean cfs			---	0	0	0	---
Acre-feet			-253	0	0	0	-253

**Table 18. Consolidated State-Federal Little Panoche Reservoir**

Daily Operations

**September 2010**

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 5,580 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Aug 31	599.55	661					
1	Not Observed						
2	Not Observed						
3	Not Observed						
4	Not Observed						
5	Not Observed						
6	Not Observed						
7	Not Observed						
8	Not Observed						
9	Not Observed						
10	Not Observed						
11	Not Observed						
12	Not Observed						
13	Not Observed						
14	Not Observed						
15	Not Observed						
16	Not Observed						
17	Not Observed						
18	Not Observed						
19	Not Observed						
20	Not Observed						
21	Not Observed						
22	Not Observed						
23	599.40	654	-7	0	0	0	-7
24	Not Observed						
25	Not Observed						
26	Not Observed						
27	Not Observed						
28	Not Observed						
29	Not Observed						
30	599.40	654	0	0	0	0	0
Total			-7	0	0	0	-7
Mean cfs			---	0	0	0	---
Acre-feet			-7	0	0	0	-7

**Table 19. Governor Edmund G. Brown California Aqueduct**

## San Luis Field Division, Monthly Deliveries

(In acre-feet)

September 2010

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending					USBR	Transfer	DWR Recreation	USBR Recreation			
	No.	Structure	Mile									
2B	12	Check No. 12	66.71		340,573							
3A		San Luis Reservoir		Department of Parks and Recreation	0	10,857	1					
				San Felipe Division Santa Clara Water District	10,857							
				Casa de Fruta Santa Clara Water District	1							
				San Felipe Division San Benito Water District	1,975							
				Reach 3A Subtotal:	12,833							
3	13	O'Neill Forebay	70.85	Department of Parks and Recreation	1	12,833	0	0	0			
				Cattle Program	0							
				Department of Fish & Game	13							
		Thru 85.08	70.91	San Luis Water District	464	464	0	8	6			
				(Floodwater Inflow)	0							
				Reach 3 Subtotal:	478							
		Dos Amigos Pumping Plant	86.73		401,030							
4	14		89.03	San Luis Water District	3,010	3,010						
			Thru 94.06									
			89.66	Pacheco Water District	518		518					
			Thru 89.67									
			89.68	Panoche Water District	56		56					
		Check No. 14	89.70	City of Dos Palos	137	137						
			95.06									
			98.15	San Luis Water District	241	241						
			Thru 104.20									
			96.15	Panoche Water District	987							
	15		Thru 102.64	(Floodwater Inflow)	0	987						
			102.64	Broadview Water District	0							
			105.22	Westlands Water District	4,098		4,098					
			Thru 108.64									
			Check No. 15	108.50								
				Reach 4 Subtotal:	9,047	9,047	0	0	0			
				San Felipe Division Total:	12,833							
				Pacheco Water District Total:	518							
				Broadview Water District Total:	0							
				City of Dos Palos Total:	137							
				SLWD Reach 4 Subtotal:	3,251	3,251	0	0	0			
				Panoche Water District Total:	1,043							
				SLWD Total:	3,715							
				Westlands WD Reach 4 Subtotal:	4,098							

**Table 19. Governor Edmund G. Brown California Aqueduct**

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**September 2010**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		No.			USBR	Transfer	DWR Recreation	USBR Recreation		
	Structure	Mile									
5	16		110.52	(Reverse flow, Kings River)	0	8,677		1	0		
				Westlands Water District	8,677						
				Thru Dept. of Fish and Game @ Lat. 4L	1						
				122.05	Dept. of Fish and Game @ Lat. 6L	0					
				Check No. 16	Dept. of Fish and Game @ Lat. 7L	0					
	17		124.18	Westlands Water District	5,307	5,307					
				Thru							
				132.74							
	18		133.81	Westlands Water District	7,149	7,048	1/ 101				
				Thru							
				142.61							
			Pleasant Valley Pumping Plant	143.16	Westlands Water District	8,930					
				143.16	City of Coalinga	654					
6	19		145.26	Reach 5 Subtotal:	30,718	30,616	101	1	0		
				GWF Energy	0						
				City of Huron	3						
				Thru DWR Water Truck @ Lat. 22R	0						
				Kings County to Lemoore NAS Through WWD	319						
				Kings County through WWD 30L	0						
				Westlands Water District	9,105						
				Check No. 19	155.64						
				Reach 6 Subtotal:	9,427	9,108	319	0	0		
7	20		156.34	City of Huron	106	106					
				156.40	SWP Construction @ Lat. 24R	0					
				Thru	Kings County through WWD 31L, 32L, 33L, 34L, 35L, 36L	0					
				163.69	Westlands Water District	4,748					
				Check No. 20	164.69						
	21		164.79	City of Avenal	233	4,748					
				167.04	Westlands Water District	3,204					
				Thru							
				171.67							
				Check No. 21	172.40						
				Reach 7 Total: SWP Construction Total: Westlands WD Total: City of Coalinga Total: City of Huron Total: Kings County to Lemoore NAS Through WWD City of Avenal Total:	8,291 0 51,218 654 109 319 233	8,291 0 51,117 654 109 0 233	0 0 101 0 0 319 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0		
Total San Luis Field Division Deliveries:					70,794	70,359	420	9	6		

1/ From Empire West ID to Westlands Water District.

2/ From County of Kings to Westlands Water District.

**Table 20. Consolidated State-Federal San Luis Canal 1/**

Daily Operations  
September 2010

United States  
Department of the Interior  
Bureau of Reclamation  
Central Valley Project

State of California  
The Resources Agency  
Department of Water Resources  
State Water Project

Date	Storage In Canal (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
			Non- Project	Dos Amigos Pumping Plant	San Luis Water District Pools 14 & 15 2/	Panoche Water District Pools 14 & 15	Westlands Water District Pools 15 thru 21 3/	Flow Past Check 21	
Aug 31	29,746								
1	30,003	257	0	8,448	114	28	957	6,734	-485
2	29,468	-535	0	7,895	74	24	957	6,623	-487
3	28,981	-487	0	7,921	74	24	957	6,596	-515
4	29,345	364	0	7,958	74	24	957	6,310	-410
5	28,977	-368	0	6,888	74	24	957	5,881	-138
6	29,339	362	0	7,162	74	24	957	5,768	-157
7	29,232	-107	0	7,657	74	24	957	6,472	-184
8	28,249	-983	0	6,994	106	24	957	5,795	-607
9	29,478	1,229	0	8,228	106	24	960	6,248	-270
10	28,851	-627	0	7,218	106	10	987	6,392	-39
11	28,711	-140	0	6,260	106	10	987	5,399	171
12	29,192	481	0	6,368	106	10	987	5,444	421
13	29,910	718	0	6,311	106	10	987	5,088	242
14	29,062	-848	0	6,225	69	10	987	5,640	54
15	27,587	-1,475	0	5,833	69	10	987	5,475	-35
16	28,322	735	0	6,802	69	10	796	5,312	-244
17	28,385	63	0	6,683	69	10	796	5,785	8
18	28,871	486	0	6,267	69	10	796	5,196	49
19	28,297	-574	0	6,104	69	10	796	5,778	260
20	28,282	-15	0	5,781	69	10	796	5,000	87
21	28,709	427	0	6,879	69	10	796	5,832	43
22	29,476	767	0	6,772	63	10	796	5,253	-263
23	29,266	-210	0	6,619	20	22	797	5,657	-229
24	29,370	104	0	6,984	20	22	797	6,020	-72
25	29,262	-108	0	6,070	20	22	797	5,425	140
26	29,062	-200	0	6,136	20	22	797	5,780	382
27	28,771	-291	0	4,167	20	22	797	3,672	198
28	28,510	-261	0	6,781	20	22	797	6,244	170
29	29,264	754	0	6,609	20	22	797	5,557	167
30	29,144	-120	0	6,167	20	22	797	5,539	151
Total		-602	0	202,187	1,969	526	26,486	171,916	-1,592
Mean cfs		---	0	6,740	66	18	883	5,731	-53
Acre-feet		-602	0	401,030	3,906	1,043	52,534	340,995	-3,154

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Includes 518 AF to Pacheco W.D., 137 AF to the City of Dos Palos and 3,251 AF to San Luis Water District.

3/ Includes 106 AF to the City of Huron, 233 AF to the City of Avenal, 654 AF to the City of Coalinga, 3 AF to City of Huron P&R @ 22R, 319 AF to Lemoore N.A.S. @ 29L, 0 AF to GWF @ 30L, 0 AF to Kings County @ 30L, 0 AF to Broadview WD @ 3L, 1 AF to DFG @ 4L, 0 AF to Pilibos Wildlife @ 4L, 0 AF to Mendota Water Fowl Habitat Area @ 6L, 0 AF to DFG @ 7L, 0 AF Non-Project Water, 42,288 AF to Westlands Water District and 8,930 AF to Pleasant Valley Pumping Plant.

**Table 21. San Joaquin Field Division Plant Data**

(in acre-feet)

September 2010

Date	Coastal Aqueduct					California Aqueduct			
	Las Perillas Pumping Plant	Badger Hill Pumping Plant	Devil's Den Pumping Plant	Bluestone Pumping Plant	Polonio Pass Pumping Plant	Buena Vista Pumping Plant	Teerink Pumping Plant	Chrisman Pumping Plant	Edmonston Pumping Plant
1	597	413	114	103	112	7,500	6,824	6,399	6,282
2	634	445	147	133	143	7,402	6,723	6,413	6,317
3	585	451	110	99	108	7,268	6,743	6,350	6,277
4	581	500	121	108	118	6,953	6,408	6,094	5,958
5	540	514	102	92	101	6,653	6,318	6,066	6,116
6	538	476	108	114	124	6,670	6,432	6,099	6,016
7	581	417	104	95	105	6,957	6,452	6,068	5,877
8	642	455	118	106	119	6,808	6,572	6,204	6,051
9	526	441	114	101	111	7,185	6,644	6,229	6,285
10	563	485	104	94	104	7,284	5,979	6,229	6,124
11	604	470	108	98	107	7,089	6,609	6,229	6,231
12	598	520	106	94	102	6,695	6,712	6,229	6,230
13	511	460	119	108	117	7,029	6,509	6,149	6,168
14	481	401	106	95	105	7,061	6,578	6,229	6,148
15	426	376	113	103	114	6,541	5,993	5,640	5,596
16	544	429	132	120	131	7,303	6,580	6,229	6,231
17	600	473	117	106	117	7,092	6,612	6,229	6,199
18	475	434	99	90	99	6,928	6,566	6,229	6,172
19	462	460	103	90	103	6,673	5,918	6,229	6,279
20	383	349	103	93	103	6,879	5,944	6,229	6,172
21	355	334	79	71	79	7,089	5,670	6,229	6,196
22	396	372	95	85	95	5,845	5,208	5,006	4,886
23	385	338	94	85	95	6,983	6,474	6,246	6,057
24	345	281	72	63	73	7,378	6,885	6,654	6,484
25	443	356	135	123	131	7,271	6,884	6,647	6,579
26	319	274	94	84	95	7,034	6,927	6,677	6,591
27	299	278	91	84	91	5,528	5,544	5,328	5,345
28	343	364	91	71	91	7,094	6,471	6,124	5,971
29	353	332	104	92	102	7,456	6,850	6,425	6,376
30	317	262	108	98	109	7,242	6,854	6,506	6,349
Total	14,426	12,160	3,211	2,898	3,204	208,889	192,883	185,614	183,562

**Table 22. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries

(In acre-feet)

**September 2010**

Reach No.	Operating Pool			Turnout	Total Diver-sions	Deliveries						
	Beginning and Ending					Table A	USBR	Recovery 1/	Carryover Article 56C	Other		
	No.	Structure	Mile									
7	21	Check No. 21	172.40		340,995							
8C	22			Empire West Side ID TL - A	176	186	8,023	15	165	2/ 11		
				County of Kings TL - A	9				900	2/ 9		
				Tulare Lake Basin WSD TL-A	1,286				241	2/ 200		
				175.18 Dudley Ridge WD - 1	241				191			
				177.54 Dudley Ridge WD - 1B	191				586			
				180.64 Tulare Lake Basin WSD - C	0				982			
				180.65 Dudley Ridge WD - 1A	586				901			
				182.99 Dudley Ridge WD - 2	1,548							
				183.00 Tulare Lake Basin WSD TL - B	8,924							
				County of Kings TL-B	0							
31A	8D			Dudley Ridge WD - Paramount	0	348	0	0	4/ 1,059			
				Coastal Branch	14,426							
8D				Dudley Ridge WD - 3	1,407	363	0	0	2,000	1,610		
				Dudley Ridge Reach 8D Total:	3,973				1,801	200		
9	23			Tulare Lake Basin WSD Total:	10,210	8,209	0	0				
				Check No. 22	184.82							
				189.69 Kern County Water Agency Lost Hills Water Dist. - 1	5,329				821	5/ 4,508		
				191.18 Kern County Water Agency Lost Hills Water Dist. - 2	962				962			
				194.22 Kern County Water Agency Lost Hills Water Dist. - 3	786				786			
				196.40 Kern County Water Agency Berrenda Mesa - 2	264				264			
				196.75 Kern County Water Agency Lost Hills Water Dist. - 4	1,397				1,397			
				KCWA Reach 9 Subtotal:	8,738				0	4,508		
				Check No. 23	197.05							
10A	24			201.24 Kern County Water Agency Lost Hills Water Dist. - 7	681	7	4,988	1,878	681			
				202.05 Kern County Water Agency Lost Hills Water Dist. - 5	929				929			
				204.69 Kern County Water Agency Lost Hills Water Dist. - 6	0							
				205.26 Kern County Water Agency Lost Hills Water Dist. - 8	7							
				Check No. 24	207.94							
				209.71 Kern County Water Agency Belridge Water Storage Dist. - 1A	2,278							
				209.78 Kern National Wildlife Refuge USBR BV-1B	4,988							
					Kern County Water Agency Buena Vista WSD 1B							
				209.80 KCWA Semitropic WSD	20,502	8,759	9,360	0	1,878	6/ 400		
					KCWA Semitropic WSD Penstocks							
					USBR Total:				0			
					KCWA Reach 10A Subtotal:				0	7/ 11,743		
					33,757				0	12,143		

1/ Recovery of water that was pumped in and stored in O'Neill.

2/ 2010 Yuba Dry Year Water Purchase 3 Program.

3/ Tulare Lake Basin Table A water delivered thru Dudley Ridge WD turnout.

4/ Includes 137 AF of 2010 Water Transfer, 112 Af of 2010 Yuba Dry Year Water Purchase 3 Program, 172 AF of 2010 Yuba Dry Year Water Purchase 4 Program, and 638 AF of Merced ID 2010 Water Transfer.

5/ Includes 2,735 Af of Yuba C3 water and 1,773 AF of 2010 water transfer.

6/ Tulare Lake Basin WSD to Belridge on behalf of common land owner - Sandridge.

7/ Includes 5,600 AF from MWD to Semitropic WSD for banking, 1,290 AF from Dudley Ridge WD to Semitropic on behalf of common landowner Sandridge 400 AF from Tulare Lake Basin WSD sent to Semitropic WSD, and 4,453 AF transfer of Merced ID water to Kern County WA.

**Table 22. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**September 2010**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending					Table A	USBR	Recovery 2/	Carryover Article 56C	Other		
	No.	Structure	Mile									
11B	25		210.75	Kern County Water Agency Belridge - 2	0	120	360	4,812	3/ 4,542			
			214.11	Kern County Water Agency Belridge - 3	360							
			216.62	Kern County Water Agency Belridge - 4	0							
			217.13	Kern County Water Agency Belridge - 5A-C	9,354							
				Kern County Water Agency Belridge - 5D	120							
		Check No. 25	217.79									
				KCWA Reach 11B Subtotal:	9,834	120	0	5,172	0	4,542		
12D	26		219.58	Kern County Water Agency Belridge - 6	0	462						
				Kern County Water Agency West Kern - 3	462							
		Check No. 26	224.92									
12E	27		230.37	Kern County Water Agency Buena Vista - 6	0	7,874				4/ 43,300		
		Check No. 27	231.73									
	28		235.75	Kern County Water Agency Buena Vista - 2	0							
				Kern County WA CVC	51,174							
				DRWD CVC	0							
				Tulare Co.	0							
			238.04	Lower Tule River	0							
				Fresno Co.	0							
				Pixley ID	0							
				Hacienda								
				DWR Wells	0							
		Check No. 28	238.11									
13B	29		1/ Arvin Edison Total:	0		0	0	0	0	0		
			Reach 12E Subtotal:	51,174		7,874	0	0	0	43,300		
			238.19	Kern Water Bank Inflow	1,125	1,125						
				Kern Water Bank Outflow	0							
			241.02	Kern River Intertie (inflow)	0							
			242.85	KCWA Buena Vista WSD - 7	0							
			243.09	KCWA Buena Vista WSD - 5	38		38					
	30			Kern County Water Agency Buena Vista - 3	390							
			Check No. 29	244.54								
			249.85	Kern County Water Agency Buena Vista - 4	196		390					
14A	31		Buena Vista Pumping Plant	250.99		208,889						
				KCWA Reach 13B Subtotal:	1,749	1,749	0	0	0	0		
			254.47	Kern County Water Agency West Kern - 2	0	148						
			256.11	Kern County Water Agency Wheeler Ridge-Maricopa - 2	148							

1/ Arvin Edison Contractors include Rag Gulch WD, Kern-Tulare WD, Fresno County, Hills Valley ID, Tri Valley WD, Tulare County, Lower Tule River ID, and Pixley ID.

2/ Recovery of water that was pumped in and stored in O'Neill.

3/ Transfer of Merced ID water to Kern County WA.

4/ Includes 23,608 AF of MWD water sent to Arvin Edison WSD, 8,355 AF of MWD water sent to Kern-Delta for storage, 11,175 AF of Kern-Tulare WD CVP water sent to Rio Bravo for storage, and 162 AF of Castaic Lake WA sent to Rosedale Rio Bravo for storage.

**Table 22. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

**September 2010**

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries					
	Beginning and Ending				Table A	USBR	Recovery	Carryover Article 56C	Other	
	No.	Structure	Mile							
14A	31	Check No. 31	256.14							
	32		258.61	Kern County Water Agency Wheeler Ridge-Maricopa - 3	498	498				
			260.44	Kern County Water Agency Wheeler Ridge-Maricopa - 4	1,520	1,520				
		Check No. 32	261.72							
				KCWA Reach 14A Subtotal:	2,166	2,166	0	0	0	
14B	33		264.42	Kern County Water Agency Wheeler Ridge-Maricopa - 5	3,623	3,623				
			266.91	Kern County Water Agency Wheeler Ridge-Maricopa - 6	848	848				
		Check No. 33	267.36							
	34		270.24	Kern County Water Agency Wheeler Ridge-Maricopa - 7	2,311	2,311				
		Check No. 34	271.27							
				Reach 14B Total:	6,782	6,782	0	0	0	
14C	35		272.39	Kern County Water Agency Wheeler Ridge-Maricopa - 8	2,070	2,070				
			276.09	Kern County Water Agency Wheeler Ridge-Maricopa - 9	891	891				
			277.30	Kern County Water Agency Arvin-Edison WSD	6,393				1/ 6,393	
				Reach 14C Total:	9,354	2,961	0	0	6,393	
	Teerink Pumping Plant		278.13		192,883					
15A	36		279.02	Kern County Water Agency Wheeler Ridge-Maricopa - 9A	492	492				
			280.06	Kern County Water Agency Wheeler Ridge-Maricopa - 10	1,722	1,722				
				Reach 15A Total:	2,214	2,214	0	0	0	
	Chrisman Pumping Plant		280.36		185,614					
	37		282.06	Kern County Water Agency Wheeler Ridge-Maricopa - 11	0					
		Check No. 37	283.95							
16A	38		285.01	Kern County Water Agency Wheeler Ridge-Maricopa - 12	34	34				
			286.39	Kern County Water Agency Wheeler Ridge-Maricopa - 13A	11	11				
			287.06	Kern County Water Agency Wheeler Ridge-Maricopa - 13	0					
	Check No. 38		287.09							
	39		287.62	Kern County Water Agency Wheeler Ridge-Maricopa - 13B	113	113				
		Check No. 39	290.21							
	40		291.26	Kern County Water Agency Wheeler Ridge-Maricopa - 14	1,097	1,097				
			293.07	Kern County Water Agency Wheeler Ridge-Maricopa - 15	385	385				
				Kern County Water Agency Tehachapi Cummings CWD	835	835				
				KCWA Reach 16A Subtotal:	2,475	2,475	0	0	0	
17E	Edmonston Pumping Plant		293.45		183,562					

1/ MWD water sent to Arvin Edison WSD.

**Table 23. Governor Edmund G. Brown California Aqueduct**

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet)

**September 2010**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending					Table A	USBR	Recovery	Carryover Article 56C	Other		
	No.	Structure	Mile									
31A	C-1	Coastal Branch Control	0.02		14,426	148	696	6,221	117	1/ 2		
		Las Perillas Pumping Plant	1.16		14,426							
	C-2		3.79	Green Valley Water District	267							
		Badger Hill Pumping Plant	4.27		12,160							
	C-3	Coastal Check No. 3	7.21									
	C-4		9.34	Castaic Lake WA (Devil's Den WD #1)	0							
		Coastal Check No. 4	9.34									
	C-5	Coastal Check No. 5	12.20									
			13.30	Kern County Water Agency Berrenda Mesa - 3	696							
	C-6		14.83	Kern County Water Agency Berrenda Mesa - 1	9,683					2/ 3,462		
				Kern County Water Agency Berrenda Mesa - PO	0							
		Devil's Den Pumping Plant	14.86		3,211							
				KCWA Reach 31A Subtotal:	10,379	6,917	0	0	0	3,462		
				KCWA Total:	139,084	51,846	0	12,890	0	74,348		
33A	C-7	Bluestone Pumping Plant	19.05		2,898	2,747	431					
	C-8	Polonio Pass Pumping Plant	26.54		3,204							
	C-9	Tank Site 1	27.81	(CCWA) Polonio Pass Treatment Plant	0							
	C-10	Shandon T.O.	38.23	Santa Barbara County (CCWA)	2,747							
		Tank Site 2	58.63	Central Coast:	0							
	C-11	Chorro Valley T.O.	69.31	San Luis Obispo County (CCWA)	431							
		Energy Dissipater	78.12									
	C-12	Lopez T.O.	85.86	SLOCFC & WCD	0							
				CCWA Total:	3,178	3,178	0	0	0	0		
35	C-12	Guadalupe T.O.	102.70	SBCFC & WCD	0							
		Santa Maria T.O.	107.43	SBCFC & WCD	0							
		So. Cal. Water T.O.	109.20	SBCFC & WCD	0							
38				SBCFC & WCD Total:	0	0	0	0	0	0		
		Tank Site 5	115.42									

1/ Includes 1 AF of 2010 Yuba Dry Year Water Purchase 3 Program and 1 AF of Pool B.

2/ Merced 2010 Transfer Water.

**Table 24. Southern Field Division Plant Data**

September 2010

(in acre-feet)

Date	West Branch						East Branch								East Branch Extension		
	Oso Pumping Plant	Warne Powerplant			Castaic Powerplant		Alamo Powerplant			Pearblossom Pumping Plant	Mojave Siphon Powerplant			Devil Canyon Powerplant Generation	Green Spot	Crafton Hills	Cherry Valley
		Generation	Leakage	Gorman Crk. Improvement Channel	Generation 1/	Pumpback 1/	Bypass Through Plant	Tehachapi Afterbay Bypass	Generation	Leakage	Bypass Flume						
1	2,078	1,551	0	0	5,367	2,667	2,897	0	1,050	3,898	3,767	0	0	3,597	85	78	32
2	2,113	1,868	0	0	5,289	1,996	2,944	0	980	3,898	3,758	0	0	3,567	85	80	34
3	1,693	1,876	0	0	5,431	2,203	3,023	0	1,158	3,898	3,776	0	0	3,722	80	80	34
4	1,578	1,874	0	0	4,219	1,731	2,833	0	942	3,898	3,598	0	0	3,739	78	77	33
5	1,885	1,878	0	0	1,480	3,988	2,777	0	1,198	3,896	3,678	0	0	3,664	84	77	33
6	1,772	1,879	0	0	2,416	2,847	2,858	0	1,066	3,757	3,661	0	0	3,731	87	77	34
7	1,905	1,873	0	0	2,643	788	2,855	0	1,190	3,896	3,673	0	0	3,677	86	78	35
8	2,036	1,872	0	0	3,183	777	2,934	0	826	3,733	3,657	0	0	3,558	88	81	35
9	1,564	1,876	0	0	5,860	0	2,848	0	1,165	3,898	3,780	0	0	3,698	89	81	33
10	2,181	2,016	0	0	5,406	1,225	2,811	0	860	3,527	3,683	0	0	3,792	81	77	35
11	2,384	2,532	0	0	391	0	2,840	0	1,093	3,758	3,478	0	0	3,961	78	78	35
12	2,204	2,540	0	0	393	1,738	2,883	0	950	3,817	3,447	0	0	3,646	77	77	35
13	1,863	1,583	0	0	3,928	0	2,814	0	979	3,782	3,571	0	0	3,551	78	78	35
14	2,184	2,125	0	0	3,172	1,563	2,844	0	966	3,712	3,684	0	0	3,645	78	78	35
15	1,507	1,569	0	0	3,410	936	2,994	0	901	3,528	3,655	0	0	3,534	77	78	34
16	1,791	1,629	0	0	1,632	713	2,591	0	1,223	3,775	3,412	0	0	3,564	82	80	35
17	1,847	1,627	0	0	3,198	0	2,712	0	1,100	3,827	3,591	0	0	3,856	83	81	35
18	1,732	1,626	0	0	1,673	1,548	2,739	0	1,385	3,828	3,839	0	0	3,388	77	77	34
19	2,277	1,629	0	0	1,616	1,390	2,772	0	962	3,796	3,675	0	0	3,641	77	77	34
20	1,428	1,830	0	0	3,065	2,009	2,734	0	1,202	3,898	3,684	0	0	3,549	83	78	34
21	1,666	1,866	0	0	2,488	683	2,815	0	1,207	3,897	3,774	0	0	3,467	86	78	35
22	1,833	1,836	0	0	3,604	973	2,381	0	646	3,053	3,328	0	0	3,572	85	78	35
23	1,689	1,831	0	0	2,561	930	2,975	0	1,169	3,894	3,498	0	0	3,607	87	81	35
24	2,110	1,825	0	0	3,962	0	2,978	0	1,033	3,898	3,752	0	0	3,400	64	63	25
25	2,109	1,821	0	0	1,033	0	2,831	0	1,091	3,898	3,836	0	0	3,459	79	78	35
26	2,223	1,833	0	0	2,167	1,776	2,798	0	946	3,292	3,619	0	0	3,406	79	78	35
27	2,238	1,844	0	0	7,058	2,184	2,165	0	1,194	3,221	3,277	0	0	3,435	77	77	34
28	2,066	1,875	0	0	3,460	4,693	2,847	0	942	3,742	3,621	0	0	4,192	90	76	35
29	1,587	1,901	0	0	3,042	964	2,848	0	1,165	3,898	3,645	0	0	3,943	93	73	24
30	1,872	1,844	0	0	3,468	0	2,796	0	1,140	3,741	3,784	0	0	3,901	83	77	36
Total	57,415	55,729	0	0	96,615	40,322	84,137	0	31,729	112,554	109,201	0	0	109,462	2,456	2,327	1,013

1/ Values supplied by LADWP, not verified by DWR.

**Table 25. Pyramid Lake**  
Daily Operation

Capacity: 171,200 ac-ft

(in acre-feet except as noted)

**September 2010**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow				Outflow				Computed Losses (-) And Gains (+)	
				Project			Natural	Project		To Piru Creek			
				Castaic Powerplant Pumpback 1/	Warne Power-plant	Gorman Creek Improv. Channel	Stream Flow	Castaic Powerplant Generation 1/	Recrea-tion Deliveries	Natural	Del. To United W.A.		
Aug 31	2575.10	166,184											
	1 2574.19	165,029		-1,155	2,667	1,551	0	8	5,367	0	6	0	-8
	2 2573.04	163,577		-1,452	1,996	1,868	0	7	5,289	0	6	0	-28
	3 2571.80	162,020		-1,557	2,203	1,876	0	7	5,431	0	6	0	-206
	4 2571.33	161,433		-587	1,731	1,874	0	7	4,219	0	6	0	26
	5 2574.84	165,853		4,420	3,988	1,878	0	7	1,480	0	6	0	33
	6 2576.70	168,228		2,375	2,847	1,879	0	7	2,416	1	6	0	65
	7 2576.73	168,267		39	788	1,873	0	7	2,643	0	6	0	20
	8 2576.18	167,562		-705	777	1,872	0	7	3,183	0	6	0	-172
	9 2573.16	163,728		-3,834	0	1,876	0	8	5,860	0	6	0	148
	10 2571.33	161,433		-2,295	1,225	2,016	0	7	5,406	0	6	0	-131
	11 2573.04	163,577		2,144	0	2,532	0	7	391	0	6	0	2
	12 2576.07	167,421		3,844	1,738	2,540	0	7	393	0	6	0	-42
	13 2574.26	165,118		-2,303	0	1,583	0	7	3,928	0	6	0	41
	14 2574.64	165,599		481	1,563	2,125	0	6	3,172	0	6	0	-35
	15 2573.92	164,687		-912	936	1,569	0	6	3,410	0	6	0	-7
	16 2574.43	165,333		646	713	1,629	0	6	1,632	1	6	0	-63
	17 2573.20	163,778		-1,555	0	1,627	0	6	3,198	0	6	0	16
	18 2574.37	165,257		1,479	1,548	1,626	0	6	1,673	0	6	0	-22
	19 2575.52	166,719		1,462	1,390	1,629	0	6	1,616	0	6	0	59
	20 2575.96	167,281		562	2,009	1,830	0	6	3,065	0	6	0	-212
	21 2576.11	167,472		191	683	1,866	0	7	2,488	0	6	0	129
	22 2575.41	166,579		-893	973	1,836	0	7	3,604	0	6	0	-99
	23 2575.55	166,757		178	930	1,831	0	7	2,561	0	6	0	-23
	24 2573.78	164,510		-2,247	0	1,825	0	6	3,962	1	6	0	-109
	25 2574.30	165,168		658	0	1,821	0	6	1,033	0	6	0	-130
	26 2575.43	166,604		1,436	1,776	1,833	0	6	2,167	0	6	0	-6
	27 2572.69	163,136		-3,468	2,184	1,844	0	5	7,058	0	6	0	-437
	28 2575.19	166,299		3,163	4,693	1,875	0	5	3,460	0	6	0	56
	29 2573.62	164,307		-1,992	964	1,901	0	5	3,042	0	6	0	-1,814
	30 2573.62	164,308		1	0	1,844	0	4	3,468	0	6	0	1,627
Total				-1,876	40,322	55,729	0	193	96,615	3	180	0	-1,322

1/ Values supplied by LADWP, not verified by DWR.

**Table 26. Elderberry Forebay**

Daily Operation

(in acre-feet except as noted)

Capacity: 32,476 ac-ft

**September 2010**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow			Computed Losses (-) And Gains (+)	
				Castaic Powerplant Generation 1/	Natural	Castaic Powerplant Pumpback 1/	To Castaic Lake			
							Natural	Project 1/		
Aug 31	1515.31	21,286								
1	1513.03	20,369	-917	5,367	0	2,667	0	3,483	-134	
2	1513.00	20,357	-12	5,289	0	1,996	0	3,305	0	
3	1514.54	20,974	617	5,431	0	2,203	0	2,610	-1	
4	1520.20	23,326	2,352	4,219	0	1,731	0	0	-136	
5	1513.35	20,496	-2,830	1,480	0	3,988	0	0	-322	
6	1511.98	19,954	-542	2,416	0	2,847	0	0	-111	
7	1512.34	20,096	142	2,643	0	788	0	1,891	178	
8	1509.65	19,050	-1,046	3,183	0	777	0	3,436	-16	
9	1514.62	21,006	1,956	5,860	0	0	0	3,903	-1	
10	1514.99	21,156	150	5,406	0	1,225	0	4,031	0	
11	1514.50	20,958	-198	391	0	0	0	590	1	
12	1511.50	19,766	-1,192	393	0	1,738	0	0	153	
13	1515.36	21,307	1,541	3,928	0	0	0	2,388	1	
14	1510.00	19,184	-2,123	3,172	0	1,563	0	3,733	1	
15	1508.99	18,798	-386	3,410	0	936	0	2,896	36	
16	1505.35	17,438	-1,360	1,632	0	713	0	2,268	-11	
17	1511.36	19,711	2,273	3,198	0	0	0	952	27	
18	1511.08	19,602	-109	1,673	0	1,548	0	0	-234	
19	1511.46	19,750	148	1,616	0	1,390	0	0	-78	
20	1513.84	20,692	942	3,065	0	2,009	0	0	-114	
21	1512.35	20,100	-592	2,488	0	683	0	2,396	-1	
22	1510.49	19,373	-727	3,604	0	973	0	3,389	31	
23	1507.44	18,212	-1,161	2,561	0	930	0	2,790	-2	
24	1510.16	19,246	1,034	3,962	0	0	0	2,919	-9	
25	1512.18	20,033	787	1,033	0	0	0	246	0	
26	1512.78	20,270	237	2,167	0	1,776	0	0	-154	
27	1521.48	23,875	3,605	7,058	0	2,184	0	1,172	-97	
28	1509.91	19,150	-4,725	3,460	0	4,693	0	3,624	132	
29	1507.95	18,404	-746	3,042	0	964	0	2,767	-57	
30	1509.22	18,885	481	3,468	0	0	0	2,984	-3	
Total				-2,401	96,615	0	40,322	0	57,773	
									-921	

1/ Values supplied by LADWP, not verified by DWR.

**Table 27. Castaic Lake**

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

**September 2010**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow		Computed Losses (-) And Gains (+)	
				From Elderberry Forebay 1/		Natural	Deliveries		
				Natural	Project				
Aug 31	1484.09	258,868							
1	1484.89	260,443	1,575	0	3,483	0	1,929	0 21	
2	1485.57	261,787	1,344	0	3,305	0	1,993	0 32	
3	1485.86	262,361	574	0	2,610	0	2,077	0 41	
4	1484.90	260,463	-1,898	0	0	0	2,355	0 457	
5	1483.90	258,494	-1,969	0	0	0	2,020	0 51	
6	1483.02	256,768	-1,726	0	0	0	1,891	0 165	
7	1482.93	256,592	-176	0	1,891	0	1,933	0 -134	
8	1483.61	257,925	1,333	0	3,436	0	1,816	0 -287	
9	1484.65	259,970	2,045	0	3,903	0	1,851	0 -7	
10	1485.77	262,183	2,213	0	4,031	0	1,769	0 -49	
11	1485.18	261,016	-1,167	0	590	0	1,805	0 48	
12	1484.37	259,419	-1,597	0	0	0	1,758	0 161	
13	1484.49	259,655	236	0	2,388	0	1,786	0 -366	
14	1485.37	261,391	1,736	0	3,733	0	1,896	0 -101	
15	1485.89	262,420	1,029	0	2,896	0	1,883	0 16	
16	1486.09	262,817	397	0	2,268	0	1,879	0 8	
17	1485.58	261,806	-1,011	0	952	0	1,872	0 -91	
18	1484.74	260,147	-1,659	0	0	0	1,797	0 138	
19	1483.90	258,494	-1,653	0	0	0	1,746	0 93	
20	1483.06	256,847	-1,647	0	0	0	1,825	0 178	
21	1483.29	257,297	450	0	2,396	0	1,725	0 -221	
22	1484.09	258,868	1,571	0	3,389	0	1,736	0 -82	
23	1484.61	259,891	1,023	0	2,790	0	1,740	14 -13	
24	1485.13	260,917	1,026	0	2,919	0	1,809	40 -44	
25	1484.30	259,281	-1,636	0	246	0	1,814	40 -28	
26	1483.38	257,474	-1,807	0	0	0	1,922	40 155	
27	1483.09	256,905	-569	0	1,172	0	2,111	40 410	
28	1483.16	257,043	138	0	3,624	0	2,227	40 -1,219	
29	1484.50	259,661	2,618	0	2,767	0	2,107	40 1,998	
30	1484.53	259,734	73	0	2,984	0	1,918	19 -974	
Total				866	0	57,773	0	56,990 273 356	

1/ Values supplied by LADWP, not verified by DWR.

**Table 28. Governor Edmund G. Brown California Aqueduct**

Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet)

**September 2010**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries							
	Beginning and Ending		Mile			Table A	Rec.	Recovery	Pool A / Pool B	Article 56C	Other		
	No.	Structure											
29A	42	Oso Pumping Plant	1.49		57,415								
29F	W2	Quail Lake	5.02	Antelope Valley-East Kern Water Agency	Re-moved	3	27	0	9,029	636	3/ 43,678		
		Quail Lake Embankment	7.82	Antelope Valley-East Kern Water Agency	Stub								
29G		Warne Power Plant	14.07	(No flow through Gorman Creek Imp. Channel)	55,729								
29H	W3	Pyramid Lake		USFS		27	27	0	782	1,584			
				Pyramid Recreation (T300)	3								
29J	W4	Pyramid Dam	17.10	California State Park		27	27	0	9,029	636	3/ 43,678		
		Castaic Power Plant	25.82	Piru Fish (T300)	0								
30 1/	W5	Elderberry Forebay				27	27	0	782	1,584			
		Forebay Dam	28.12										
30 1/	W5	Castaic Lake		California State Park		27	27	0	9,029	636	3/ 43,678		
		Lake		Castaic Lake Recreation (T301)	27								
30 1/	W5	Castaic Dam	31.47			27	27	0	9,029	636	3/ 43,678		
30 1/	W5	Castaic Lake Outlet	31.6	MWDSC 78" & 132" (T302)	52,707	27	27	0	9,029	636	3/ 43,678		
				Castaic Lake WA 18", 24" & 54" (T303)	1,736								
30 1/	W5	Castaic Lake Outlet	31.6	Castaic Lake WA Rio Vista T.P. (T304)	2,366	27	27	0	9,029	636	3/ 43,678		
				MWD-Ventura Co. WPD (T302)	0								
30 1/	W5	Castaic Lake Outlet	31.6	Releases to Lagoon	273	27	27	0	9,029	636	3/ 43,678		
				Reach 30 Subtotal:	56,836								
30 1/	W6	Castaic Lagoon		California State Park Recreation to Lagoon (T353)	0	27	27	0	9,029	636	3/ 43,678		
		Castaic Lagoon Outlet	31.9		5,372								

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55.

All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

2/ Value Supplied by LADWP, not verified by DWR.

3/ Includes 17,143 AF of 2010 Water Transfer, 6,151 AF of SWP water supply, 5,320 of Dry Purchase 3, and 15,064 Af of Dry Purchase 4.

**Table 29. Silverwood Lake**

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

**September 2010**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow				Computed Losses (-) And Gains (+)	Las Flores Ranch Exchange 1/		
				Mojave Siphon Power-plant	Mojave Bypass Flume	Natural Stream Flow	Delivered to CLAWA	Rec.	San Bernardino Tunnel	Del. To Mojave W.A.	Natural To Mojave River			
Aug 31	3350.39	70,544												
1	3350.50	70,648	104	3,767	0	0	4	0	3,597	0	1	-61	0	
2	3350.75	70,884	236	3,758	0	0	4	0	3,567	0	0	49	0	
3	3350.73	70,865	-19	3,776	0	0	3	1	3,722	0	0	-69	0	
4	3350.75	70,884	19	3,598	0	0	5	0	3,739	0	1	166	0	
5	3350.75	70,884	0	3,678	0	0	4	0	3,664	0	0	-10	0	
6	3350.61	70,752	-132	3,661	0	0	4	0	3,731	0	0	-58	0	
7	3350.61	70,752	0	3,673	0	0	3	1	3,677	0	0	8	0	
8	3350.61	70,752	0	3,657	0	0	5	0	3,558	0	1	-93	0	
9	3350.75	70,884	132	3,780	0	0	4	0	3,698	0	0	54	0	
10	3350.61	70,752	-132	3,683	0	0	4	0	3,792	0	0	-19	0	
11	3350.16	70,327	-425	3,478	0	0	4	1	3,961	0	1	64	0	
12	3349.86	70,045	-282	3,447	0	0	4	0	3,646	0	0	-79	0	
13	3349.74	69,932	-113	3,571	0	0	4	0	3,551	0	0	-129	0	
14	3349.94	70,120	188	3,684	0	0	4	0	3,645	0	0	153	0	
15	3349.94	70,120	0	3,655	0	0	5	1	3,534	0	1	-114	0	
16	3349.66	69,857	-263	3,412	0	0	4	0	3,564	0	0	-107	0	
17	3349.49	69,697	-160	3,591	0	0	4	0	3,856	0	0	109	0	
18	3349.94	70,120	423	3,839	0	0	4	0	3,388	0	1	-23	0	
19	3349.83	70,016	-104	3,675	0	0	4	1	3,641	0	0	-133	0	
20	3350.11	70,280	264	3,684	0	0	4	0	3,549	0	0	133	0	
21	3350.39	70,544	264	3,774	0	0	3	1	3,467	0	1	-38	0	
22	3350.11	70,280	-264	3,328	0	0	4	0	3,572	0	0	-16	0	
23	3349.94	70,120	-160	3,498	0	0	4	1	3,607	0	0	-46	0	
24	3350.33	70,487	367	3,752	0	0	4	0	3,400	0	1	20	0	
25	3350.75	70,884	397	3,836	0	0	4	0	3,459	0	0	24	0	
26	3350.98	71,102	218	3,619	0	0	4	0	3,406	0	0	9	0	
27	3350.38	70,535	-567	3,277	0	0	4	1	3,435	0	1	-403	0	
28	3350.19	70,355	-180	3,621	0	0	4	0	4,192	0	0	395	0	
29	3349.88	70,063	-292	3,645	0	0	4	0	3,943	0	0	10	0	
30	3349.77	69,960	-103	3,784	0	0	4	1	3,901	0	0	19	0	
Total				-584	109,201	0	0	121	9	109,462	0	9	-184	0

1/ Project water delivered from Mojave Siphon in exchange for like amount of natural stream flow.

**Table 30. Lake Perris**

Daily Operation

(in acre-feet except as noted)

Capacity: 131,452 ac-ft

**September 2010**

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow 1/	Outflow 2/	Computed Losses (-) Gains (+) 1/
Aug 31	1555.96	61,768				
1	1555.96	61,768	0		64	
2	1555.96	61,768	0		65	
3	1555.91	61,682	-86		65	
4	1555.96	61,768	86		64	
5	1555.77	61,441	-327		64	
6	1555.85	61,579	138		64	
7	1555.88	61,630	51		12	
8	1555.96	61,768	138		78	
9	1555.91	61,682	-86		64	
10	1555.74	61,389	-293		65	
11	1555.88	61,630	241		65	
12	1555.85	61,579	-51		65	
13	1555.77	61,441	-138		64	
14	1555.91	61,682	241		76	
15	1555.82	61,527	-155		65	
16	1555.77	61,441	-86		65	
17	1555.82	61,527	86		65	
18	1555.69	61,303	-224		64	
19	1555.74	61,389	86		64	
20	1555.74	61,389	0		65	
21	1555.69	61,303	-86		66	
22	1555.74	61,389	86		68	
23	1555.63	61,200	-189		65	
24	1555.58	61,114	-86		65	
25	1555.52	61,010	-104		64	
26	1555.58	61,114	104		64	
27	1555.38	60,770	-344		58	
28	1555.49	60,959	189		50	
29	1555.44	60,873	-86		60	
30	1555.63	61,200	327		65	
<b>Total</b>			-568	2,497	1,888	-1,177

1/ Readings are not taken on a daily basis. End of month only.

2/ Includes deliveries to MWD from Reach 28J and recreation water to California State Park at Lake Perris.

**Table 31. Governor Edmund G. Brown California Aqueduct**

Southern Field Division, Monthly Deliveries (East Branch)

(In acre-feet)

**September 2010**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Structure			Table A	Rec.	Recovery	Pool A / Pool B	Article 56C	Other	
	No.	Structure	Mile									
17E	40	Edmonston Pumping Plant	293.45		183,562							
	41		298.65	KCWA Tej.-Cas	Stub							
17F		Check No. 41	303.41									
	42		304.99	AVEK WA-Temp for TEA construction (T389)	0							
18A		Check No. 42	304.99									
	43	Alamo Powerplant	305.73	(Includes 84,137 AF generation, 0 AF plant bypass, and 31,729 AF Tehachapi Bypass)	115,866							
19			306.71	AVEK 305th Street West (T287)	0							
			308.05	AVEK 294th Street West (T267)	0							
		Check No. 43	309.70									
	44		311.84	LADWP Connection	0							
			313.50	AVEK 245th Street West (T269)	0							
		Check No. 44	314.81									
	45		314.93	AVEK 235th Street West (T270)	0							
			315.57	AVEK 225th Street West (T271)	0							
		Check No. 45	319.74									
	46		323.19	Antelope Valley-East Kern WA Fairmont (T272)	1,613							
20A				Mojave Water Agency Fairmont (T272)	158							
		Check No. 46	323.84									
				Reach 19 Total:	1,771							
	47	Check No. 47	326.77									
			326.91	Antelope Valley-East Kern WA Willow Springs (T273)	104							
	48		329.65	Antelope Valley-East Kern WA 120th Street West	Removed							
		Check No. 48	330.82									
	49	Check No. 49	335.93									
			336.73	Antelope Valley-East Kern WA Quartz Hill (T274)	5,094							
	50		339.68	Antelope Valley-East Kern WA Rancho Vista (T275)	55							
20B			340.92	AVEK WA-Temp (T387)	0							
		Check No. 50	341.51									
	51		342.06	AVEK WA-Temp (T386)	0							
		Check No. 51	342.07									
	52		342.95	Antelope Valley-East Kern WA 30th Street West (T414)	0							
		Check No. 52	343.74									
			346.98	Palmdale WD (T276) Temp.	1,742							
	53		348.14	Antelope Valley-East Kern WA Acton Treatment Plant (T277)	116							
		Check No. 53	348.17									
			349.52	Palmdale WD (T394)	0							
21	54	Check No. 54	350.25									
	55	Check No. 55	352.70									
	56	Check No. 56	354.76									
			354.97	AVEK WA-Delivered through Littlerock Creek ID (T278)	0							
	57		354.97	Palmdale WD (T276)	0							
			354.97	Palmdale WD (T391)	0							
22A		Check No. 57	356.93									
			357.60	AVEK 95th Street East (T279)	85							
	58		357.72	AVEK 96th Street East (T280)	0							
			359.76	AVEK East Side Treatment Plant (T281)	384							

1/ 2010 Water Transfer.

**Table 31. Governor Edmund G. Brown California Aqueduct**

Southern Field Division, Monthly Deliveries (East Branch, Continued)

(In acre-feet)

**September 2010**

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries							
	Beginning and Ending		Mile			Table A	Rec.	Recovery	Pool A / Pool B	Article 56C	Other		
	No.	Structure											
22B	58	Pearblossom Pumping Plant	360.61		112,554	420	4,016	9	119	10,612	1/ 0 2/ 2 3/ 16,267 7/ 801		
	59	Check No. 59	366.09										
	60		366.50	AVEK Big Rock Siphon (T368)	0								
	61	Check No. 61	379.00										
	62	Check No. 62	384.26										
	63	Check No. 63	389.20	Mojave Water Agency White Road 24" & 42" (T282)	420								
	64	Check No. 64	395.10										
	65	Check No. 65	400.32										
	66		401.10	Mojave Water Agency Morongo 24" & 42" (T284)	4,016								
	Check No. 66		403.41										
23	67	Mojave Siphon	405.58	Las Flores Ranch Exchange	0	119	9	119	119	10,612	1/ 0 2/ 2 3/ 16,267 7/ 801		
		Mojave Siphon Powerplant	405.65		109,201								
24		Silverwood Lake	407.65	MWA CS DAM (T288)	0								
				California State Park Silverwood (T288)	9								
			407.70	Crestline-Lake Arrowhead WA State Project Water (T289)	121								
				Non-Project Water (T289)	0								
25					109,462								
26A		San Bernardino Intake Tunnel	412.73		109,462	24,713 17,980	4/ 173 5/ 429	24,713 17,980	24,713 17,980	10,612	3/ 16,267 7/ 801		
		Devil Canyon Powerplant	412.73		109,462								
		Devil Canyon Afterbay Control Structures	412.88	MWD-Rialto (T292)	24,713								
				MWD-Rialto (T293)	44,859								
				Desert Water Agency Transfer (T293)	173								
				Coachella Valley WD Transfer (T293)	429								
				MWD EBX-1 (T290)	0								
				MWD EBX-1 (T291)	0								
				East Branch Extension	9,645								
				MWD (T294)	0								
28G		Santa Ana Valley Pipeline	425.46										
28H			433.06	Desert Water Agency (T295)	6,133	6/ 8,844	4/ 173 5/ 429	6/ 8,844	6/ 8,844	10,612	3/ 16,267 7/ 801		
				Coachella Valley WD (T296)	15,219								
			440.05	MWD-SC Box Springs (T295)	1,522								
				MWD-SC Perris Bypass Pipeline (T296)	5,317								
28J	69	Lake Perris	442.00	MWD-SC (T297)	136	1,719	33	1,719	1,719	10,612	59,945		
			443.44	MWD-SC 54" & 78" (T299)	1,719								
				Calif. State Park									
				Lake Perris Parks & Rec. (T298)	33								
				MWD Total:	130,973	60,416	0	0	0	10,612	59,945		

1/ Project water delivered from Mojave Siphon in exchange for like amount of natural stream flow.

2/ 2010 Transfer Water.

3/ Recovery of MWD banked water in San Luis.

4/ Includes 19 AF of Pool A and 154 AF of Pool B.

5/ Includes 47 AF of Pool A and 382 AF of Pool B.

6/ Includes 3,154 AF to San Gabriel Valley MWD, 5,223 AF to San Bernardino Valley MWD, and 467 AF to San Gorgonio Pass WA.

7/ Includes 500 AF of Table A exchange water between San Gorgonio Pass and Castaic Lake Agency WA and 301 AF of Dry Purchase 3.

**Table 32. Water Quality At Selected SWP Locations**

September 2010

Constituent	Units	Thermalito Afterbay At Outlet	North Bay Aqueduct Barker Slough Pumping Plant	Delta Mendota Canal At McCabe Rd.	California Aqueduct					
					Banks Pumping Plant	O'Neill Forebay Outlet (Check 13)	Kettleman City (Check 21)	Near Hwy 119 (Check 29)	Tehachapi Afterbay (Check 41)	Devil Canyon Headworks
Alkalinity	mg/l as CaCO <sub>3</sub>	39	82	64	64	64	62	65	65	67
Antimony	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NR	NR
Arsenic	mg/l	<0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.003
Beryllium	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron	mg/l	<0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Bromide	mg/l	<0.01	0.03	0.32	0.37	0.30	0.25	0.22	0.22	0.19
Calcium	mg/l	8	14	15	15	15	14	16	16	16
Chloride	mg/l as C	1.0	13.0	98.0	113.0	91.0	77.0	71.0	70.0	60.0
Chromium	mg/l as C	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	mg/l	<0.001	0	0	0	0	0	0	0	0
Fluoride	mg/l	NR	NR	NR	NR	NR	NR	NR	NR	NR
Hardness	mg/l	35.000	76.000	88.000	93.000	88.000	79.000	85.000	87.000	82.000
Iron	mg/l	0.0	<0.005	0.0	0.0	0.0	0.0	0.0	0.0	<0.005
Lead	mg/l as CaCO <sub>3</sub>	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	mg/l	4.000	10.000	12.000	13.000	12.000	11.000	11.000	11.000	10.000
Manganese	mg/l	<0.005	0.014	<0.005	0.024	0.005	<0.005	<0.005	<0.005	<0.005
Nitrate + Nitrite	mg/l	<0.01	0	0	0	0	0	0	0	0
Organic Carbon, Dissolved	mg/l	NR	3.500	2.400	2.500	2.500	2.400	2.800	2.700	2.100
Organic Carbon, Total	mg/l as N	NR	4.30	2.60	2.60	2.80	2.40	2.90	2.80	3.50
Phosphate-Ortho	mg/l as P	<0.01	0.08	0.04	0.04	0.05	0.05	NR	0.04	0.05
Phosphorus-Total	mg/l	<0.01	0.11	0.06	0.04	0.06	0.07	0.05	0.05	0.10
Selenium	mg/l	<0.001	<0.001	0.001	0.001	0.001	0.001	0.001	<0.001	0.001
Sodium	mg/l	3	16	58	67	55	46	49	48	41
Specific Conductance	µS/cm	87	234	499	556	472	415	417	407	382
Sulfate	mg/l	2	13	24	24	24	21	22	22	26
Total Dissolved Solids	mg/l	54	129	281	306	260	230	229	223	214
Turbidity	NTU	1	26	5	6	2	3	3	3	16
Zinc	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	<0.005

mg/l milligrams per liter

µg/l micrograms per liter

µS/cm microSiemens per centimeter

NR - Not Reported

NTU - nephelometric turbidity units

**Table 33. Water Quality At Selected Delta Stations**

**September 2010**

Date	Antioch Tides (feet above mean sea level)		Flow In CFS		Electrical Conductivity in millisiemens/cm										Cl in mg/l
			Net Delta Outflow Index		Rio Vista	Antioch	Chippis Island	Emmaton		Jersey Point		Clifton Court	Cache Slough	Delta Mendota Canal	
	Highest High Tide	Actual High Half Tide	Mean Daily	Monthly Average				md	md	md	14dm	md	14dm	md	md
1	5.99	4.06	3,039	3,039	11,335	3.37	8.49	0.60	0.53	1.22	0.93	0.37	0.43	0.38	73
2	6.27	4.27	2,786	2,913	11,601	3.77	9.51	0.84	0.56	1.34	0.97	0.38	0.39	0.38	75
3	6.28	4.36	3,215	3,013	11,930	4.13	10.84	1.08	0.60	1.46	1.01	0.39	0.39	0.39	76
4	6.32	4.31	3,463	3,126	12,085	4.19	11.17	1.06	0.63	1.49	1.06	0.39	0.39	0.39	84
5	6.22	4.15	3,696	3,240	12,318	4.16	10.82	1.00	0.67	1.49	1.11	0.39	0.36	0.40	85
6	6.20	4.08	4,203	3,400	12,686	4.14	10.45	0.92	0.71	1.51	1.17	0.42	0.37	0.40	87
7	6.20	4.30	4,245	3,521	12,877	4.49	11.84	1.19	0.76	1.62	1.23	0.43	0.39	0.40	101
8	6.23	4.34	3,807	3,557	12,576	4.95	12.25	1.39	0.82	1.69	1.29	0.44	0.41	0.40	96
9	5.87	4.06	3,586	3,560	12,559	4.44	10.95	0.94	0.84	1.61	1.33	0.45	0.45	0.41	94
10	5.89	3.98	4,922	3,696	13,336	4.20	10.51	0.85	0.87	1.62	1.38	0.46	0.50	0.41	98
11	6.02	3.96	4,981	3,813	13,434	4.10	10.14	0.85	0.88	1.71	1.42	0.49	0.52	0.41	119
12	6.30	4.19	5,592	3,961	13,932	4.35	11.09	1.13	0.92	1.82	1.48	0.50	0.46	0.43	102
13	6.28	4.32	6,505	4,157	14,206	4.35	11.52	1.05	0.96	1.83	1.54	0.53	0.44	0.44	98
14	6.10	4.31	7,690	4,409	14,867	4.04	10.62	0.00	0.99	1.82	1.59	0.54	0.43	0.45	100
15	5.94	4.28	8,165	4,660	15,162	3.68	9.87	0.00	1.03	1.69	1.62	0.55	0.41	0.45	100
16	5.87	4.18	8,893	4,924	15,136	3.35	8.97	0.53	1.00	1.65	1.64	0.56	0.45	0.43	102
17	5.72	4.12	9,003	5,164	14,972	3.15	8.55	0.51	0.95	1.58	1.65	0.58	0.52	0.42	102
18	5.60	4.01	8,081	5,326	14,488	2.93	7.87	0.49	0.90	1.48	1.65	0.57	0.54	0.40	102
19	5.70	3.98	7,792	5,456	14,277	2.70	7.15	0.42	0.86	1.41	1.65	0.59	0.51	0.39	104
20	5.59	3.93	8,844	5,625	10,119	2.48	6.86	0.40	0.81	1.32	1.63	0.60	0.51	0.39	110
21	5.54	4.00	8,923	5,782	9,847	2.37	7.24	0.38	0.75	1.28	1.61	0.61	0.51	0.40	116
22	5.52	3.98	7,439	5,858	9,540	2.27	6.87	0.32	0.66	1.22	1.57	0.63	0.55	0.40	121
23	5.29	3.77	7,827	5,943	9,559	2.08	5.98	0.28	0.60	1.15	1.54	0.58	0.56	0.42	125
24	5.30	3.66	6,626	5,972	9,419	1.94	5.55	0.28	0.55	1.09	1.50	0.58	0.53	0.41	129
25	5.51	3.69	6,625	5,998	9,226	1.92	5.62	0.30	0.51	1.07	1.46	0.57	0.50	0.40	147
26	5.71	3.89	5,941	5,996	8,943	2.02	6.19	0.34	0.44	1.09	1.41	0.54	0.49	0.40	144
27	5.86	3.94	5,349	5,972	8,458	2.17	6.71	0.36	0.38	1.10	1.35	0.54	0.52	0.40	137
28	5.94	4.04	4,451	5,917	8,158	2.40	7.52	0.45	0.39	1.10	1.30	0.53	0.54	0.39	147
29	6.18	4.25	3,927	5,849	7,817	2.76	8.40	0.69	0.41	1.16	1.26	0.51	0.51	0.39	162
30	6.29	4.56	3,531	5,772	7,581	3.31	10.04	0.76	0.43	1.25	1.24	0.47	0.47	0.39	169

Clifton Court Cl(mg/l)=200X EC - 25

e = Estimated

N.R. = No Record.

N.C. = Not computed due to insufficient data.

f = Excess Delta conditions with fish concerns.

r = Excess delta conditions with export/inflow ratio concerns.

s = Balanced water conditions with storage withdrawals.

dm = Daily Mean

md = Mean Daily

**Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In the SWP**

**September 2010**

Sampling Location	Sample Date 1/	Chemical Detected	Concentration µg/l 2/
North Bay Aqueduct At Barker Slough Pumping Plant	June 16, 2010	Diuron Metolachlor	0.32 0.40
California Aqueduct At Banks Pumping Plant	September 15, 2010	2,4-D	0.40
O'Niell Forebay Outlet Check 13	June 15, 2010	Simazine	0.02
Delta Mendota Canal At McCabe Road	June 15, 2010	Methoxychlor	0.06
California Aqueduct Near Kettleman City (Check 21)	June 15, 2010	Metolachlor Simazine	0.10 0.02
California Aqueduct At Near Highway 119 (Check 29)	June 21, 2010	Simazine	0.02
California Aqueduct at Tehachapi Afterbay (Check 41)	June 16, 2010	Metolachlor Simazine	0.10 0.02
California Aqueduct At Devil Canyon Headworks	June 16, 2010	Simazine	0.02

1/ Locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

**Table 35. Oroville and Delta Field Divisions Energy Data**

(in kWh)

September 2010

Date	Oroville Thermalito Complex		Barker Slough Pumping Plant	Cordelia Pumping Plant Load	Banks Pumping Plant		South Bay Pumping Plant Load	Del Valle Pumping Plant Load
	Generation	Load			Total Load	SWP Load		
1	10,666,337	0	47,390	50,324	3,475,336	3,384,336	423,511	403
2	10,652,180	0	49,181	50,437	3,479,816	3,388,816	449,089	425
3	10,708,599	0	42,995	44,286	3,631,600	3,540,600	447,417	503
4	8,739,324	4,301	45,341	49,737	3,737,608	3,646,608	443,681	523
5	8,633,460	0	41,813	44,342	3,782,520	3,691,520	447,976	516
6	8,695,599	4,213	42,787	50,054	3,633,568	3,542,568	440,568	530
7	8,696,699	4,224	42,374	48,439	3,583,344	3,492,344	457,203	503
8	10,731,061	0	37,110	40,959	3,610,864	3,519,864	447,847	480
9	9,447,108	2,156	47,733	51,240	3,859,664	3,768,664	429,850	509
10	9,475,631	2,123	47,930	51,506	3,911,224	3,820,224	422,303	585
11	9,589,723	0	46,421	47,404	3,865,992	3,774,992	423,528	554
12	8,737,872	0	41,644	45,937	4,051,368	3,960,368	400,714	540
13	8,831,229	0	44,525	50,192	4,128,144	3,501,144	421,692	576
14	8,856,265	0	43,288	47,810	4,129,288	3,502,288	411,490	653
15	8,255,753	517	43,409	47,310	3,988,488	3,361,488	421,196	625
16	5,991,634	4,092	36,879	43,980	3,551,248	2,924,248	383,529	620
17	6,875,242	2,552	36,080	43,708	3,303,336	2,751,336	399,867	540
18	6,340,763	2,211	34,957	39,911	3,333,168	2,590,168	421,274	499
19	5,991,733	3,663	33,182	39,810	3,320,008	2,577,008	408,951	617
20	6,301,009	3,564	36,541	44,333	2,936,448	2,193,448	418,817	597
21	5,555,209	4,268	35,967	41,743	2,638,336	1,966,336	407,873	583
22	5,537,114	3,080	39,570	42,932	2,640,016	1,971,016	408,684	685
23	7,874,966	2,013	40,841	47,537	3,092,432	2,423,432	400,464	664
24	8,265,719	2,013	37,996	46,353	3,432,816	2,763,816	407,159	595
25	7,183,385	3,047	37,546	44,193	3,231,528	2,944,528	408,584	526
26	5,838,129	6,017	39,746	42,837	3,333,456	2,927,456	394,550	557
27	7,475,765	3,091	39,271	45,910	2,718,024	2,312,024	392,365	538
28	7,287,269	1,529	41,476	38,298	3,550,016	2,871,016	388,917	509
29	7,321,446	0	34,161	31,095	3,734,928	3,055,928	376,542	513
30	5,898,585	4,664	46,598	50,529	3,650,424	2,971,424	363,546	495
Total	240,454,808	63,338	1,234,750	1,363,144	105,335,008	93,139,008	12,469,180	16,462

**Table 36. San Luis Field Division Energy Data**

(in kWh)

September 2010

Date	Dos Amigos Pumping Plant		Gianelli Pumping-Generating Plant			
	Total Load	SWP Load 1/	Total Generation	SWP Generation 1/	Total Load	SWP Load 1/
1	2,237,528	2,196,523	860,893	860,893	12,562	12,562
2	2,089,006	2,048,009	337,337	337,337	14,531	14,531
3	2,112,529	2,071,530	0	0	20,768	12,768
4	2,121,422	2,080,419	0	0	20,119	20,119
5	1,829,666	1,788,664	0	0	498,927	498,927
6	1,894,266	1,853,269	0	0	395,846	395,846
7	2,035,654	1,994,651	0	0	19,547	11,547
8	1,837,388	1,796,390	0	0	1,170,290	-29,710
9	2,250,272	2,209,274	0	0	1,104,752	-5,248
10	1,999,339	1,958,336	458,029	458,029	622,479	34,479
11	1,716,304	1,675,306	0	0	19,415	19,415
12	1,741,090	1,700,093	0	0	19,294	19,294
13	1,698,986	1,657,985	0	0	525,536	525,536
14	1,669,037	1,628,036	0	0	1,593,438	1,569,438
15	1,547,635	1,506,639	0	0	540,452	50,452
16	1,822,808	1,781,806	0	0	1,310,683	804,683
17	1,782,940	1,639,936	171,501	171,501	827,420	827,420
18	1,682,861	1,453,865	0	0	19,206	19,206
19	1,635,525	1,398,523	0	0	1,034,385	54,385
20	1,573,079	1,344,076	0	0	938,949	56,949
21	1,877,186	1,681,185	0	0	827,178	43,178
22	1,819,994	1,623,994	1,103,828	1,103,828	10,483	-13,517
23	1,753,256	1,557,252	929,731	929,731	11,385	11,385
24	1,884,173	1,688,173	0	0	19,657	19,657
25	1,662,854	1,466,857	0	0	19,547	19,547
26	1,670,377	1,466,379	0	0	830,027	830,027
27	1,095,455	899,455	0	0	20,339	-3,661
28	1,805,981	1,577,982	0	0	828,036	828,036
29	1,772,113	1,544,114	0	0	930,413	930,413
30	1,656,985	1,340,984	0	0	1,466,190	258,190
Total	54,275,708	50,629,705	3,861,319	3,861,319	15,671,854	7,835,854

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

**Table 37. San Joaquin Field Division Plant Energy Load Data**

(in kWh)

September 2010

Date	Coastal Branch					California Aqueduct			
	Las Perillas	Badger Hill	Devil's Den	Bluestone	Polonio	Buena Vista	Teerink	Chrisman	Edmonston
1	46,184	108,608	78,920	73,786	77,377	1,787,458	1,771,668	3,875,575	13,990,293
2	48,972	113,255	99,964	93,667	98,303	1,761,149	1,748,536	3,859,460	14,085,738
3	45,533	107,852	76,330	70,969	75,213	1,733,287	1,752,977	3,847,976	13,981,815
4	45,217	107,519	83,573	77,249	81,996	1,657,746	1,661,933	3,685,726	13,285,215
5	42,398	99,720	71,123	66,522	70,574	1,565,424	1,639,118	3,669,325	13,627,548
6	42,020	102,191	88,068	81,052	86,018	1,593,416	1,670,891	3,679,874	13,449,051
7	44,780	105,509	72,201	68,268	72,751	1,660,864	1,675,404	3,663,275	13,338,972
8	49,233	114,920	81,682	75,413	82,339	1,631,853	1,707,107	3,753,442	13,498,596
9	40,213	97,216	78,746	72,715	76,804	1,716,779	1,725,014	3,793,504	13,946,715
10	43,415	103,511	72,342	67,644	72,144	1,733,897	1,736,230	3,794,989	13,648,338
11	46,509	109,513	74,456	70,130	74,260	1,681,006	1,711,730	3,796,034	13,887,315
12	46,238	108,241	73,268	67,574	70,857	1,588,837	1,686,710	3,795,451	13,900,734
13	39,663	92,678	81,740	76,725	81,068	1,668,035	1,686,226	3,743,124	13,761,765
14	36,963	88,255	73,408	68,043	72,507	1,675,604	1,704,946	3,794,472	13,719,456
15	36,843	89,312	79,342	73,771	78,537	1,553,548	1,557,695	3,445,376	12,477,051
16	41,514	102,396	90,292	84,707	89,977	1,723,457	1,717,304	3,797,233	13,907,970
17	45,786	112,355	80,992	75,302	80,553	1,666,129	1,717,342	3,802,359	13,830,939
18	37,253	93,401	68,909	64,864	67,960	1,657,658	1,703,164	3,800,984	13,772,592
19	36,394	87,893	71,372	65,805	71,444	1,597,120	1,691,635	3,800,401	14,024,583
20	29,961	70,640	71,782	67,049	71,215	1,646,253	1,722,188	3,797,816	13,776,156
21	27,840	68,306	55,709	52,250	55,514	1,694,605	1,726,934	3,798,509	13,828,887
22	30,423	71,540	66,495	61,139	65,604	1,402,142	1,354,806	2,999,513	10,890,639
23	29,355	72,854	66,131	61,605	66,239	1,665,301	1,680,664	3,710,366	13,514,418
24	26,795	64,050	51,069	46,607	51,132	1,762,778	1,783,973	3,960,825	14,470,299
25	33,881	85,413	92,152	86,901	90,190	1,737,473	1,787,555	3,985,190	14,675,418
26	24,817	63,086	65,586	60,819	66,511	1,668,470	1,798,274	4,009,258	14,682,708
27	23,780	58,171	63,819	60,449	63,898	1,328,537	1,441,949	3,190,891	11,914,668
28	28,000	67,765	63,834	59,606	63,864	1,700,584	1,679,202	3,699,245	13,349,286
29	27,164	66,882	72,197	65,842	71,063	1,785,951	1,777,727	3,902,525	14,249,520
30	24,303	59,872	75,480	70,010	75,425	1,732,329	1,774,928	3,921,621	14,159,772
Total	1,121,446	2,692,922	2,240,982	2,086,483	2,221,337	49,777,686	50,793,827	112,374,339	409,646,457

**Table 38. Southern Field Division Energy Data**

(in kWh)

September 2010

Date	West Branch			East Branch				East Branch Extension		
	Oso Pumping Plant Load	Warne Powerplant Generation	Castaic SWP Gen /1	Alamo Powerplant Generation	Pearblossom Pumping Plant Load	Devil Canyon Powerplant Generation	Mojave Siphon Powerplant Generation	Green spot Pumping Plant	Crafton Hills Pumping Plant	Cherry Valley Pumping Plant
1	550,507	923,360	1,512,000	318,769	2,613,616	4,305,506	286,428	51,444	65,141	3,798
2	559,988	1,093,786	1,752,000	319,143	2,609,592	4,274,964	282,811	47,034	65,255	4,240
3	448,165	1,096,616	1,752,000	328,967	2,610,866	4,440,560	286,025	48,532	66,587	4,636
4	419,015	1,096,111	1,752,000	311,935	2,612,558	4,475,070	281,274	47,263	64,588	5,029
5	499,827	1,097,960	1,752,000	311,854	2,610,192	4,392,965	280,168	51,428	64,538	5,102
6	469,839	1,098,025	1,752,000	311,706	2,518,951	4,462,106	280,523	53,092	64,327	4,771
7	504,758	1,095,063	1,752,000	311,759	2,606,283	4,410,896	285,490	51,975	64,245	4,519
8	539,576	1,096,646	1,752,000	311,499	2,503,081	4,299,052	286,246	53,786	66,230	4,706
9	415,069	1,096,324	1,752,000	311,178	2,607,393	4,435,063	291,266	53,927	66,231	4,678
10	575,513	1,171,930	2,328,000	310,537	2,363,385	4,540,079	287,112	48,798	65,075	4,821
11	628,751	1,450,659	2,328,000	310,309	2,519,241	4,707,050	274,298	46,541	64,312	4,582
12	564,984	1,452,603	2,328,000	309,981	2,550,838	4,362,451	275,091	46,457	64,400	4,459
13	491,165	933,566	2,328,000	310,177	2,531,226	4,261,421	280,705	46,634	64,381	4,561
14	506,648	1,235,139	2,328,000	310,182	2,483,347	4,372,211	286,772	46,361	64,374	4,699
15	400,896	953,540	1,512,000	327,415	2,363,780	4,235,612	283,154	46,222	64,351	4,665
16	473,974	960,973	1,512,000	289,997	2,525,984	4,280,526	266,656	49,524	66,395	4,534
17	488,954	962,666	1,512,000	302,502	2,561,201	4,591,256	282,652	49,931	66,379	4,020
18	458,816	962,836	1,512,000	305,597	2,561,204	4,087,490	292,151	46,610	64,333	3,587
19	630,607	964,980	1,512,000	305,669	2,543,911	4,356,914	285,150	46,216	64,357	3,563
20	378,263	1,078,026	1,752,000	305,883	2,612,714	4,241,358	285,935	49,998	64,334	4,973
21	441,424	1,093,700	1,752,000	316,166	2,611,925	4,126,547	286,825	51,912	64,395	5,372
22	498,611	1,081,104	1,752,000	269,618	2,047,112	4,283,996	250,691	51,720	65,323	5,019
23	448,077	1,078,151	1,752,000	331,733	2,608,660	4,346,068	267,718	52,999	66,934	4,891
24	560,992	1,077,505	1,752,000	321,769	2,611,538	4,104,122	284,471	39,542	52,658	3,336
25	559,986	1,076,517	1,752,000	310,789	2,611,027	4,172,292	286,566	48,117	64,755	4,238
26	589,329	1,083,105	1,752,000	314,754	2,512,285	4,073,141	274,469	47,967	64,590	4,281
27	591,854	1,085,333	1,752,000	269,930	2,161,294	4,146,872	242,500	47,100	64,641	4,321
28	549,144	1,100,820	1,752,000	307,236	2,508,475	4,939,913	273,685	55,984	64,577	4,257
29	424,122	1,115,151	1,752,000	308,145	2,608,370	4,610,045	278,581	57,635	61,246	3,104
30	496,553	1,080,664	1,752,000	319,020	2,513,434	4,622,893	285,728	50,567	64,403	5,032
Total	15,165,408	32,692,858	54,000,000	9,294,217	75,703,480	130,958,442	8,391,140	1,485,316	1,933,355	133,794

1/ Energy delivered to SWP by LADWP at Sylmar substation; not necessarily related to actual Castaic operations.